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62.47



SEED ANNUAL SPRING 1918

Two stylized plants in pots flank the title. Each plant has a central stem with leaves and small circular flowers or seed pods hanging from the branches. The pots have decorative wavy patterns at the base.

ST. LOUIS SEED COMPANY
THE HOME OF "PURE AND SURE SEEDS"
411-413 WASHINGTON AVE. :: :: :: ST. LOUIS, MISSOURI

THE HOME OF
“Pure and Sure Seeds”

1904—FOURTEENTH ANNUAL SEED CATALOGUE—1918

A Complete Assortment

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SAINT LOUIS SEED COMPANY

The Home of “Pure and Sure Seeds”

411-413 Washington Avenue

SAINT LOUIS, MISSOURI

ST. LOUIS SEED CO.

411-13 WASHINGTON AVENUE

ST. LOUIS, MO.

Date _____ **FORWARD BY** (STATE WHETHER WANTED BY
MAIL, EXPRESS OR FREIGHT) _____



Name _____

Name _____
**Express or
Priority Mail**

POST OFFICE MONEY ORDER \$

Post Office

County _____ State _____

State

Rural Route No. **Box** **Please Leave This Space Blank**

Please Leave This Space Blank

DRAFT OR CHECK - - - \$

CASH - - - - - \$ _____

STAMPS - - - - 3

St. Louis Seed Company give no warranty, express or implied, as to description, quality, productiveness or any other matter of any Seeds, Bulbs or Plants they send out and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

(PLEASE DO NOT WRITE IN THIS SPACE)

Route shipped by *Date shipped* **1918**

In.....*Pkgs.*;.....*Bags*;.....*Boxes*;.....*Baskets*;.....*Bbls*.....

Laid out by.....; *Checked by.....*

Reply required by.....

St. Louis, January 1st, 1918.

To Our Friends—Our Customers

FOR fourteen years we have enjoyed the good-will of our customers who are our Friends. We strive always to render the best service possible. You have shown by your liberal patronage and your many cordial expressions of approval that our success has been pleasing to you.

To those who are interested in the crops they grow and want to produce bigger, better and more bountiful crops of all kinds, for the farm and garden, we would ask and believe it will pay you to read this book through carefully whether you are one of our customers or not. In it we have tried to give you the best information we could to help you to grow bigger and better crops and make more money. We have also tried to describe both by photographs and illustrations and with pen all our seeds. We have also tried to make everything plain to our customers and friends, but after you have looked it through if there are any questions you wish to ask, write us and we will be glad to give you any further information we can.

For fourteen years it has been our aim always to meet competition in Quality rather than price. Our many satisfied customers recognize the fact that those who plant, either for pleasure or profit, soon learn that the difference in cost of seed is really not worth considering when compared with the difference in value of resulting products.

Confidence is the one thing that makes possible the commerce of the world. It is the greatest product but only the means by which your garden may be either a pronounced success or a partial failure. Seeds good or bad may look the same, but the resulting crops—how different! You cannot afford to risk a season's work with seeds of unknown quality. When you buy "Pure and Sure Seed" the element of doubt is removed so far as is possible by human care.

With hearty appreciation of your courtesies during so many years, we trust that the same friendly spirit may ever continue.

Waiting to serve you, we remain,

Faithfully yours,

N. B. PAUTLER, Pres.

A. H. HUMMERT, Vice-Pres.

H. HESELMAYER, 2nd Vice-Pres.

H. J. STRATMANN, Treas.

J. A. RAU, Secy.

PLANT A GARDEN

With some good soil, some fresh water and good vegetable seeds in plenty no hostile army or navy can starve out America. The basis of food is seed and our

"PURE AND SURE SEEDS"

with proper care and attention will bring results.

Remember that if you have a surplus of good vegetables during the summer, you can dry, can or preserve them for winter use. Our Government is alert to the situation and is sending out excellent recipes and formulas for saving excess vegetables. Write to Washington to the Superintendent of Documents for them.

The propaganda begun last Spring to urge garden planting inspired our people all over America to plant gardens and while many thought the matter would be overdone, this was not so, and the results have been wonderfully satisfactory. The prediction that food this winter would be scarce and high priced has been justified. Every garden has done its duty in feeding somebody to a greater or less extent. Even the humblest of the children's gardens has done its duty.

What was true this past Summer will be true to a far greater extent next Summer and the thing for everyone to do, is to listen to his country's call and raise vegetables.

Good seed is scarce, therefore order now. All foreign grown seed, whether from Great Britain, France or Germany, is practically eliminated now, both from shortage of production and from the fact that the governments have been obliged to put an embargo on most of the seeds they grow because of their own needs.

We urge you to order your seeds from us early and to have them in hand ready for planting at the proper time. We can fill orders only so long as our stock lasts. When ordering please advise if we can substitute for any variety of which we are out.

Faithfully yours,

ST. LOUIS SEED COMPANY

By A. H. Hummert, Vice-Pres.

General Information and Suggestions to Customers

We deliver free in U. S. by Parcel Post all VEGETABLE SEEDS and FLOWER SEEDS quoted in this catalogue by the packet, ounce and quarter-pound.

PURCHASER PAYS TRANSPORTATION on Trees, Plants, Shrubs, Potatoes, Farm Seeds, Grass Seeds, Implements, Sundries and Poultry Supplies; also Seed by lb., gallon, peck and bushel, Bulbs except where specified.

EARLY ORDERING—It will be helpful to our customers, as well as ourselves, to have orders placed early. Our policy is to make prompt shipments, but this is impossible as the busy season reaches its height. If your order is received late we may be sold out, as in case of shortage of crops this season, with no more stock obtainable. Send your order early, we will do the rest.

ACCOUNTS—Parties who have no account with us must furnish satisfactory references, St. Louis preferred on account of a saving of time. Charge orders from unknown parties not accompanied with references will be delayed, pending the usual investigation.

REMITTANCES should be made in the form of Express Money Order, P. O. Money Order, Bank Draft, or Registered Letter. Plants will not be shipped C. O. D.

WE MAKE NO CHARGE FOR PACKING CASES, baskets or barrels. We charge for cloth bags only and these at cost. Price: Pk. bags, 10c; $\frac{1}{2}$ Bu., 15c; Bu., 20c; Seamless, 45c.

PRICES—The prices quoted in this catalogue are net, and not subject to discount. All prices quoted in this catalogue are subject to change without notice.

PARCEL POST—Customers living on R. F. D. routes, and beyond express delivery, will aid us by stating: "Goods reach us by Parcel Post only," to avoid mistakes in sending by express.

LOW EXPRESS RATES ON PLANTS, BULBS AND SEEDS

From St. Louis on Account of Our Central Location.

By our careful and thorough system of packing we Guarantee Safe Delivery of plants and perishable goods, when ordered to be sent by Express, and we always ship this way unless we have positive instructions to the contrary, and when sent in any other way, are solely at purchaser's risk.

RATES FOR BULBS AND SEEDS BY PARCEL POST

(b) Parcels weighing 8 ounces or less containing seeds, bulbs, roots, and plants, 1 cent for each 2 ounces or fraction thereof, regardless of distance.

(c) Parcels weighing more than 8 ounces containing seeds, bulbs and plants, etc., according to distance or zone, at the pound rates shown in the following table, a fraction of a pound being considered a full pound.

Your postmaster will tell you the parcel post zone in which your postoffice is located, measuring from St. Louis.

	Pounds	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Zone 1, 2, 3 1 to 300 miles	Cents	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Zone 4 300 to 600 miles	Cents	7	11	15	19	23	27	31	35	39	43	47	51	55	59	63	67	71	75	79	83
Zone 5 600 to 1000 miles	Cents	8	14	20	26	32	38	44	50	56	62	68	74	80	86	92	98	104	110	116	122
Zone 6 1000 to 1400 miles	Cents	9	17	25	33	41	49	57	65	73	81	89	97	105	113	121	129	137	145	153	161
Zone 7 1400 to 1800 miles	Cents	11	21	31	41	51	61	71	81	91	101	111	121	131	141	151	161	171	181	191	201

NON-WARRANTY

We wish it to be distinctly understood that although we take all possible pains to supply only New, Genuine and Unadulterated Seeds, Plants and Bulbs, we still give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any of the Seeds, Plants or Bulbs we send out, and will not be in any way responsible for the crop. Every order received for articles named in this Catalogue will be executed on these conditions only.

ST. LOUIS SEED COMPANY

The Home of "Pure and Sure Seeds"

411-413 Washington Ave.

ST. LOUIS, MISSOURI

A Beautiful, Smooth, Velvety, Green Lawn
IS CERTAIN BY SOWING

St. Louis Seed Co. Havalawn Grass Seed



ST. LOUIS SEED CO. HAVALAWN GRASS SEED

(Name is registered in U. S. Patent Office.)

IS PROCURABLE only from us. Every package bears our green label. No other is genuine, and we will prosecute all infringements.

OUR HAVALAWN GRASS SEED

MIXED OF SELECTED GRASSES

FREE FROM WEEDS

HIGHEST PERCENTAGE OF GERMINATION

Our Havalawn Grass Seed is made up of all the recleaned seeds of different varieties. Its component parts are the grasses particularly adapted to lawns and is composed of the best thriving varieties, together with the best sod-forming sorts that will make a good lawn quickly, so that when the seed is sown, if the ground is in proper shape, it will start at once and in a short time show a beautiful, deep green lawn and retain the same during the season with slight attention.

Full provision is made for a succession of growth, so that there shall be no break in the richness of the verdure from spring until autumn, and experience proves that Havalawn Grass Mixture is now perfect. Nothing better can be purchased on the American market, no matter what claims may be advanced by other seedsmen. Price: Lb., 35c; 3 Lbs., \$1.00; $\frac{1}{2}$ Bu., (7 Lbs.), \$2.25; Bu., (14 Lbs.), \$4.50; 100 Lbs., \$30.00.

USE SHEEP MANURE ON YOUR LAWN—WE HAVE IT!

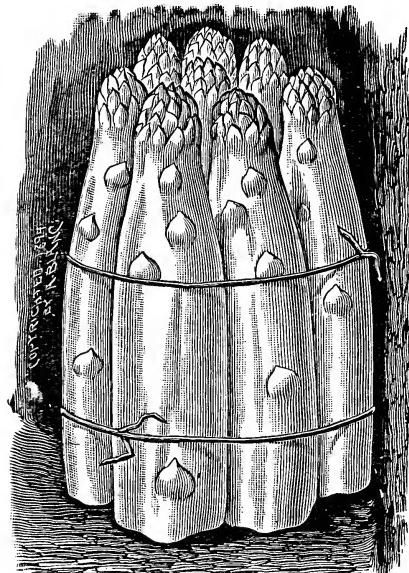
GENERAL LIST OF HIGHEST GRADE VEGETABLE SEEDS

IT HAS always been our endeavor to list only such sorts of Vegetable Seed as, from our tests, we have found to be of superior merit; and, while we have in many instances not listed certain varieties, which have been stricken out on account of being out of date, we have in every instance listed a superior sort which we can recommend as being more satisfactory both for the market and the home garden.

ST. LOUIS SEED CO.'S COLLECTION OF VEGETABLE SEEDS

Contain seeds of only true and tried varieties, most carefully selected to give a continuous supply of vegetables of exclusively high quality throughout the season. It may be that there are one or more items in this collection that some will not desire, but even if such are not wanted, the great saving in price will more than compensate. We cannot allow any alterations, because this collection is put up in quantities, ready to ship, before the commencement of our busy season, thus enabling us to sell them at very much less than the articles would cost separately.

Beans, Peas, Beets, Carrot, Cabbage, Cucumber, Endive, Kale, Curley Lettuce, Head Lettuce, Onions, Parsley, Red Radish, White Radish and Tomato. 15 Pkts. Price: 50c Postpaid.



Columbian Mammoth White.

ARTICHOKE (Artischoke)

CULTURE.—In February or March sow in hotbed, transplant to the open in May in rows three or four feet apart, and two feet apart in the rows. Should give globes the same year. Seed sown in May and transplanted in June has to be wintered. Tie up leaves, then bank with dirt; will mature the second year.

GIANT GREEN GLOBE—Produces large globular heads, thick, succulent scales, the bottom of which is the edible part. Boiled till tender, it makes a delicious dish. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 15c; Oz., 30c; $\frac{1}{4}$ Lb., \$1.00.

JERUSALEM ARTICHOKE—Sometimes used as a table vegetable when pickled, but their greatest value is for feeding stock. Tubers by express. Price: 3 Lbs., 10c; Pk., 50c; Bu., \$1.50.

**BEAUTIFY YOUR HOME GARDEN
WITH FLOWERS**

ASPARAGUS (Spargel)

One ounce will sow about 50 feet of drill.

The Asparagus bed furnishes the first green delicacy for our table in the spring, is universally popular, and requires but little care for its successful cultivation. It will succeed in almost any location, but grows better and produces earlier in the spring if planted in well-drained soil having a southern exposure. Plants can be raised easily from seed. We offer also the roots one and two years old which will become established in a single season, affording a supply of shoots the second season, and if well manured will increase greatly in bearing for many years. We send, free with either seed or roots, a complete cultural Leaflet, giving full directions, if requested on the order.

COLUMBIAN WHITE—They are clear white, and remain so in favorable weather, until three or four inches above the surface. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 30c; Lb., \$1.00.

EARLY GIANT ARGENTEUIL—This variety has thus far been absolutely free from rust; valuable on account of earliness; produces an even growth and a large yield. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 30c; Lb., \$1.00.

Palmetto—A close second to our famous Columbian White Mammoth. An enormous yielder, very tender and appetizing, producing large, clear stalks of excellent quality. Very early. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 30c; Lb., \$1.00.

ASPARAGUS ROOTS—Two-year old. Doz., 15c; 25 for 25c; 100, 90c.



Giant Green Globe Artichoke.

DWARF or BUSH BEANS

2 lbs. will plant 200 feet of drill.

CULTURE.—Plant about the first of May in rows, placing the seeds 2 to 3 inches apart in drills and about $2\frac{1}{2}$ inches deep. The rows should be about $2\frac{1}{2}$ feet apart, and the soil slightly hilled, to insure good drainage and keep the Beans from touching the ground. Most Beans should be picked when about 4 inches long. Frequent pickings insure a more prolonged bearing season. Avoid jerking the plant, as this frequently disturbs young feeding roots. Use the finger-nails to sever the stems. Do not pick when bushes are wet, as this may cause blight and rust. For succession, plant every two weeks up to August 1.

GREEN PODDED VARIETIES

NOTE—All beans are listed by the pound at the rate of 60 pounds to the bushel.

At the following prices on Beans, packets and quarter pounds are sent prepaid, all larger quantities are shipped at purchaser's expense; if wanted by parcel post, add postage at rate on page two.

Note.—The supply of Beans in all sections of the country is the shortest in many years due to unfavorable weather conditions, consequently the stock of most varieties is very limited.

Prices on Beans are subject to change without notice.

St. L. S. Co.'s Stringless Bountiful

—This superior variety is a distinct improvement in green Bush Beans and has become exceedingly popular wherever known.

The crowning merit of this grand Bush Bean is in the rich green, flat pods, which are of immense size, thick, broad, extra long, very uniform in shape, solid, meaty and of high quality, the pods are absolutely stringless. Price: Pkt., 10c; $\frac{1}{4}$ Lb., 15c; $\frac{1}{2}$ Lb., 25c; 1 Lb., 45c; 5 Lbs., \$2.10; 10 Lbs., \$4.00; 15 Lbs., \$5.50.

Mohawk Early—Hardiest of any early Bean; will stand a slight frost and for this reason is excellent for the market gardener. Vines are large with coarse leaves; pods long, straight, flat and green. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 15c; $\frac{1}{2}$ Lb., 25c; 1 Lb., 40c; 5 Lbs., \$1.90; 10 Lbs., \$3.75.

REFUGEE, EXTRA EARLY—A selection from the Refugee with all its good qualities and about ten days earlier. Dry beans long and dark drab; pods splashed with purple. An excellent bean for planting during July and August for late pickling beans. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 15c; $\frac{1}{2}$ Lb., 25c; 1 Lb., 40c; 5 Lbs., \$1.90; 10 Lbs., \$3.75.

Valentine, Improved Early Round Pod

—One of the best extra early for home use or market. Extra early and is usually ready for harvesting from thirty-five to forty days after planting. A fine variety for Midsummer sowing to ripen in September. Vines strong and vigorous; pods green, medium length, curved, with creases in the back, very fleshy, crisp and tender. Dry beans medium size, long, irregular, pink, marbled with red. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 15c; $\frac{1}{2}$ Lb., 25c; 1 Lb., 45c; 5 Lbs., \$2.10; 10 Lbs., \$4.00; 15 Lbs., \$5.50.

Stringless Green Pod—Valuable for home garden or for market. It is valuable for its extreme earliness and is absolutely stringless, which makes it one of our best extra early Beans, and wonderfully productive; pods of handsome appearance and finest quality. Extra early planting will produce earliest crops; the later plantings will always produce pods the quickest. Price: Pkt., 10c; $\frac{1}{4}$ Lb., 15c; $\frac{1}{2}$ Lb., 25c; 1 Lb., 45c; 5 Lbs., \$2.10; 10 Lbs., \$4.00; 15 Lbs., \$5.50.



St. L. S. Co.'s Extra Early Round Pod Valentine.

DWARF BEANS—Continued

Green Podded Varieties.

Longfellow—Remarkably early and has excellent flavor; its delicacy remains almost intact when prepared for the table. The pods are about six and one-half inches long, pale green in color, straight and round; very productive and crop matures very regularly. Beans are small, mottled dark red. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 15c; $\frac{1}{2}$ Lb., 25c; 1 Lb., 40c; 5 Lbs., \$1.90; 10 Lbs., \$3.75; 15 Lbs., \$5.25.

Black Valentine—A Bean which has been planted extensively in the South on account of its heat-resisting qualities. Matures early, producing long, round, straight pods, which are tender when quite young. Few Beans are greater yielders. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 15c; $\frac{1}{2}$ Lb., 25c; 1 Lb., 40c; 5 Lbs., \$1.90; 10 Lbs., \$3.75.

WAX-PODDED BUSH BEANS

Crop of Wax Beans Very Short.
(Beans by Parcel Post, See Page 2.)

St. L. S. Co.'s New White Wax

This new round-podded Dwarf Wax Bean has attained the top notch among Beans of this class. It has been so highly bred and selected that it excels all others in its combination of essential qualities, among which are remarkable uniformity in size and shape. It produces no culs, the pods average five to six inches in length, which is unusually large for a round-podded, wax variety; they are very solid, meaty and tender, free from string, breaking brittle, and the flavor is unsurpassed. These desirable table qualities are retained well on towards maturity, long after many other sorts have become too tough and stringy to use. The plant is everything desirable, bushy and robust, free from rust or mildew, and extremely prolific. Price: Pkt., 10c; $\frac{1}{4}$ Lb., 20c; $\frac{1}{2}$ Lb., 35c; 1 Lb., 65c; 5 Lbs., \$3.00.

Davis Wax—A very hardy and productive wax-podded, white-seeded midseason sort is wanted. Vines very vigorous. Pods invariably long, $6\frac{1}{2}$ or 7 inches, light yellow, straight and handsome and when young are crisp and tender. Seed medium large, kidney-shaped, clear-white and excellent for baking. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 15c; $\frac{1}{2}$ Lb., 25c; 1 Lb., 45c; 5 Lbs., \$2.00; 10 Lbs., \$3.90.

Golden Wax—The most tender of all market sorts. One of the best for home garden. Pods long, nearly straight, broad, flat, golden yellow and very fleshy. It is the highest quality snap Bean. Dry bean oval, white, more or less colored with shades of purplish red. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 15c; $\frac{1}{2}$ Lb., 25c; 1 Lb., 45c; 5 Lbs., \$2.00; 10 Lbs., \$3.90.

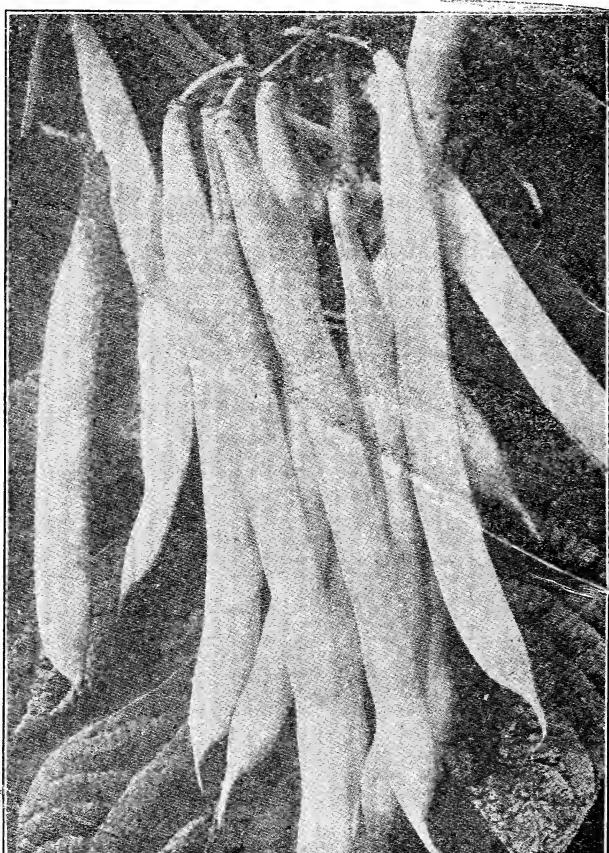
Kidney Wax, Wardwell's—One of the most popular beans in this vicinity, especially for the market gardener, owing to the large size of the pod and excellent quality. Vines are very large, strong and vigorous, bearing long, straight, wax-like pods. Dry beans are large, kidney-shaped, white, dark-marked about the eye. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 15c; $\frac{1}{2}$ Lb., 25c; 1 Lb., 45c; 5 Lbs., \$2.00; 10 Lbs., \$3.90.

St. L. S. Co.'s Pencil Pod Black Wax

—Of all black wax beans, this variety surpasses all others. For market gardeners as well as for home use it cannot be surpassed. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 15c; $\frac{1}{2}$ Lb., 25c; 1 Lb., 45c; 5 Lbs., \$2.00; 10 Lbs., \$3.90.

Giant Stringless Green Pod—Pods greatly resemble those of Stringless Green-Pod. Fully an inch longer in size but not quite so early. A variety that is largely grown for the market on account of its size and splendid shape. Splendid sort for succession when planted with Stringless Green-Pod. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 15c; $\frac{1}{2}$ Lb., 25c; 1 Lb., 40c; 5 Lbs., \$1.90; 10 Lbs., \$3.75; 15 Lbs., \$5.25.

WHITE NAVY—The famous little white soup bean that needs no further introduction. Very prolific and a sure cropper. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 10c; $\frac{1}{2}$ Lb., 20c; 1 Lb., 35c; 5 Lbs., \$1.50; 10 Lbs., \$3.00.



LIMA BEANS (Dwarf Bush)

2 Lbs. will plant 200 feet of drill.

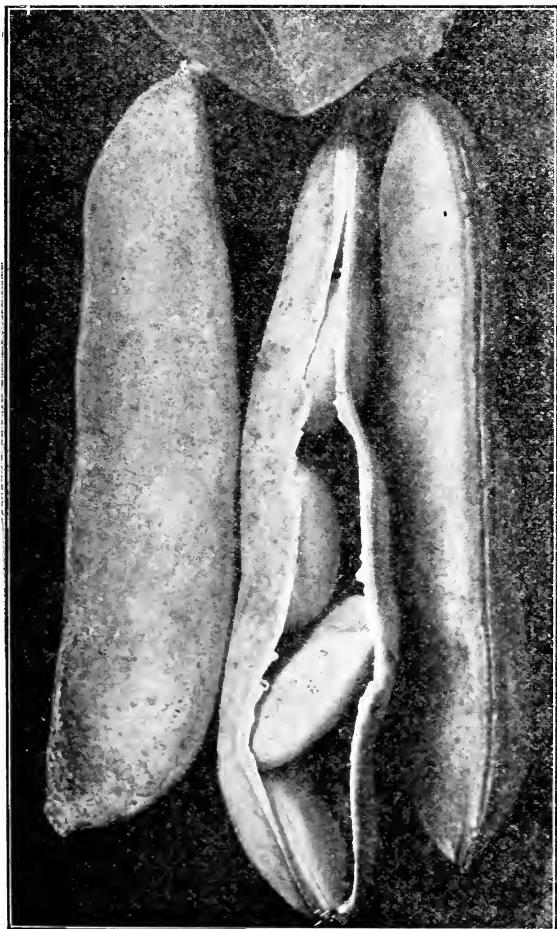
Plant in light, rich soil, in drills 2 feet apart, dropping the seeds about 1 foot apart in the row and cover 2 inches.

(If wanted by Parcel Post, See Page 2.)

FORDHOOK BUSH LIMA

BOTH pods and beans are of larger size than ordinary Bush Lima. Its growth is of stiff erect habit, branching freely but with all the branches held upright. Like Burpee's Bush Lima, the stalks that produce the blossoms are thrown out from the lateral and main stalks; the pods are borne in "clusters" of from four to eight. The pods resemble those of the improved Bush Lima, but average more than double the size.

It is the heaviest yield of all the large size Bush Limas and is sure to take the place of Burpee Bush Lima as well as Henderson's Bush Lima. **Price:** Pkt., 10c; $\frac{1}{4}$ Lb., 20c; $\frac{1}{2}$ Lb., 30c; 1 Lb., 50c; 5 Lbs., \$2.25; 10 Lbs., \$4.00.



Fordhook Bush Lima Bean.



New Improved Bush Lima.

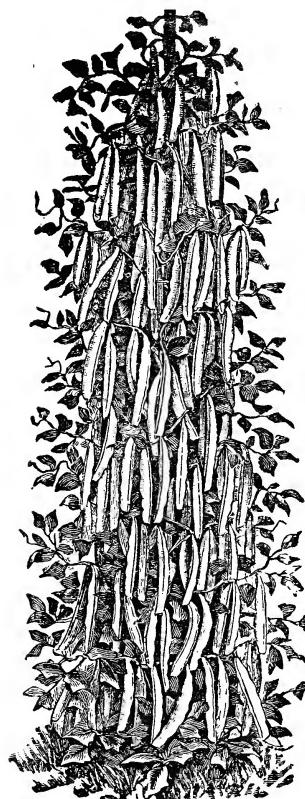
New Improved Bush Lima—Similar to Burpee's Bush Lima except in size and are far greater producers, the blossom-bearing stalks are thrown well out of the foliage, and are ready for picking a full week earlier. Meat is of a very appetizing flavor. Whether you grow for home use or market, it will pay you to devote a good share of your garden to this "King" of all Limas. We wish we had space to devote to the many flattering reports received regarding this wonderful variety. **Price:** Pkt., 10c; $\frac{1}{4}$ Lb., 20c; $\frac{1}{2}$ Lb., 35c; 1 Lb., 60c; 5 Lbs., \$2.50; 10 Lbs., \$4.50.

Henderson's Bush Lima—A famous variety, grows in compact bush form, and produces enormous yields of truly delicious Lima Beans, yielding a continuous crop from July until frost appears. **Price:** Pkt., 5c; $\frac{1}{4}$ Lb., 15c; $\frac{1}{2}$ Lb., 25c; 1 Lb., 45c; 5 Lbs., \$2.00; 10 Lbs., \$3.75.

Burpee's Bush Lima—A true bush form, growing 18 to 20 inches high; an immense yielding variety, each bush being laden down with very large beans of luscious flavor. **Price:** Pkt., 5c; $\frac{1}{4}$ Lb., 15c; $\frac{1}{2}$ Lb., 25c; 1 Lb., 45c; 5 Lbs., \$2.00; 10 Lbs., \$3.75.

ENGLISH BROAD BEAN

BROAD WINDSOR—An old-fashioned English shell Bean. This Bean is very hardy; it should be planted as early as the ground will permit, three or four inches deep in rows three feet apart, and plants four feet apart in row. Dry beans very large and yellowish green. **Price:** Pkt., 10c; $\frac{1}{2}$ Lb., 25c; 1 Lb., 45c; 5 Lbs., \$2.00.



Kentucky Wonder.

BEANS, POLE OR RUNNING (Green Pod)

2 Lbs. will plant 150 hills.

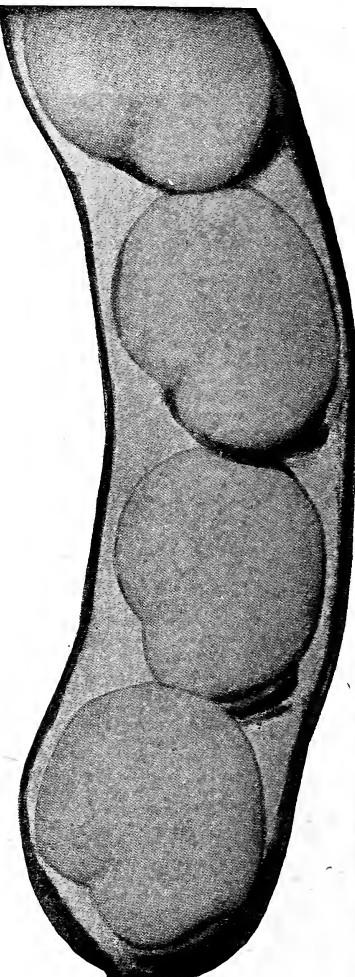
St. L. S. Co.'s New White Cornfield Bean—In this new Pole Bean we have one that far surpasses anything on the market. We have not had surplus stock to offer to all before, but have only a limited supply this season. This Bean is a cross between our regular White Cornfield and Kentucky Wonder; it is a fine long, round, thick and meaty green pod, with a white bean. It is a much heavier bean and far better shape than others, and will continue to bear far longer. We are the only ones who can offer you this new bean, and we are sure you will be highly pleased with the results. Price: Pkt., 10c; $\frac{1}{4}$ Lb., 20c; $\frac{1}{2}$ Lb., 35c; 1 Lb., 55c; 5 Lbs., \$2.50; 10 Lbs., \$4.75.

Missouri White Cornfield—A fine long, green, round pod of superior quality. Beans are white and mealy, a fine boiling or baking variety. Grown quite extensively for market gardening and home use. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 15c; $\frac{1}{2}$ Lb., 25c; 1 Lb., 45c; 5 Lbs., \$1.90; 10 Lbs., \$3.75.

LAZY WIFE—The pods are of a medium dark green color and grow from 5 to 7 inches in length. They are broad, thick and very fleshy, and are entirely stringless. Price: Pkt., 10c; $\frac{1}{4}$ Lb., 20c; $\frac{1}{2}$ Lb., 35c; 1 Lb., 60c.

Kentucky Wonder, or Old Homestead—Undoubtedly the earliest and most productive, bearing in great quantities clusters of light green pods, long, meaty and of excellent flavor. Can be grown with corn to good advantage. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 15c; $\frac{1}{2}$ Lb., 25c; 1 Lb., 45c; 5 Lbs., \$1.90; 10 Lbs., \$3.75.

WHITE CREASEBACK—A pure white variety, very early, and an excellent shelled sort used extensively for winter use. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 15c; $\frac{1}{2}$ Lb., 25c; 1 Lb., 45c; 5 Lbs., \$1.90; 10 Lbs., \$3.75.



King of the Garden.

POLE LIMA

St. L. S. Co.'s Genuine Butter Bean—The most perfect pole Butter Bean in existence. The beans have a cream white tint, an indication of good quality. The vines are vigorous and make a strong growth, producing a large quantity of beans in a fairly large pod, which are more delicious than the ordinary Lima.

We offered these old-time favorites for the first time a few seasons ago, and the demand has since grown phenomenal. Remember, it is the original old-time Butter Bean so much sought after by our parents and grandparents years ago. Price: Pkt., 10c; $\frac{1}{4}$ Lb., 25c; $\frac{1}{2}$ Lb., 40c; 1 Lb., 75c; 3 Lbs., \$2.25.

EXTRA EARLY JERSEY—Very productive and of fine quality. It is especially valuable to those residing in districts where the season is too short to produce later ones as it is from 10 to 15 days earlier than any other pole Limas. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 15c; $\frac{1}{2}$ Lb., 25c; 1 Lb., 45c; 5 Lbs., \$2.00; 10 Lbs., \$3.90.

King of the Garden—Stronger and more productive than any of the other large white Limas and is a favorite with the market gardeners on account of its large pods. If two vines are left growing on a pole it will come into bearing sooner and make large pods. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 15c; $\frac{1}{2}$ Lb., 25c; 1 Lb., 45c; 5 Lbs., \$2.00; 10 Lbs., \$3.90.

SIEVA, or SMALL LIMA—Popular small-seeded variety. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 15c; $\frac{1}{2}$ Lb., 25c; 1 Lb., 45c; 5 Lbs., \$2.00; 10 Lbs., \$3.90.

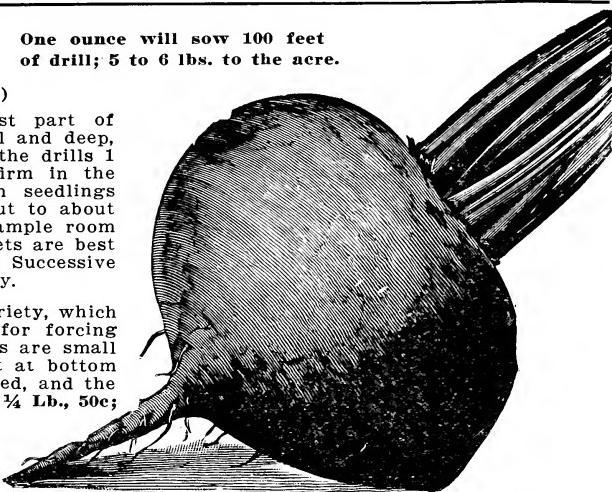
BEETS

One ounce will sow 100 feet
of drill; 5 to 6 lbs. to the acre.

(Beets by Parcel Post, See Page 2.)

CULTURE.—Seed should be sown the first part of April. The ground should be spaded well and deep, placing rows about 18 inches apart, and the drills 1 inch deep. Cover the seed carefully and firm in the ground by walking over the drills. When seedlings appear about 3 inches above ground, thin out to about 4 inches between the plants so as to give ample room for the proper development of the bulbs. Beets are best for pulling when about 2 inches in size. Successive sowings may be made up to the middle of July.

Extra Early Egyptian—An early variety, which is suitable for forcing and growing in the open garden. The tops are small and the Beets are rounded on top, but flat at bottom end. The color of flesh is dark and light red, and the Beets are tender. Price: Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 50c; Lb., \$1.75; 5 Lbs., \$8.50.



Crosby Egyptian.



St. L. S. Co.'s Early Perfection Beet.

St. L. S. Co.'s Early Perfection

A VERY early Beet. Turnip shape, flat bottom, medium size, rather small top, fine tap root. A main crop variety of great merit, for the market garden. It is without exception, one of the finest, as well as one of the earliest beets ever grown, it is 8 days ahead of any other early sort now offered. The shape is uniformly perfect, being entirely free from fibrous side roots; in fact, it is the smoothest Beet within our knowledge.

Both skin and flesh are of an unusually deep rich red; this intensity of color is retained when cooked,—making the beets most attractive both for canning and pickling. Price: Pkt., 10c; Oz., 20c; $\frac{1}{4}$ Lb., 60c; Lb., \$2.00.

Crosby's Egyptian—Extremely early, either out of doors or under glass, and in either case the young Beets are fit for use at an early stage of their growth. Price: Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 50c; Lb., \$1.90; 5 Lbs., \$9.00.

Improved Crimson Globe—As its name implies a perfect globe-shaped Beet, dark blood red color, smooth skin, sweet and tender. It is without exception, one of the finest, as well as one of the earliest beets ever grown, its shape and color being superb. Our stock comes from the originator. Price: Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 50c; Lb., \$1.90; 5 Lbs., \$9.00.

ELECTRIC—It is the finest Extra-Early Beet grown, coming in with the flat Egyptian, but Electric is much larger and of almost globular form. Price: Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 50c; Lb., \$1.90.

PLANT A GARDEN

Grow your own vegetables, we offer a fine collection of 15 packets, best home garden varieties for 50 cents. See page 4.

BEETS—Continued

ECLIPSE—A famous standard variety; a first early market beet this ranks with the Crosby Egyptian. **Price:** Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 50c; Lb., \$1.00.

Detroit Dark Red—One of the good early turpentine-shape varieties, too well known to need any further comment. **Price:** Pkt., 5c; Oz., 25c; $\frac{1}{4}$ Lb., 60c; Lb., \$2.00; 5 Lb., \$9.50.

Edmand's Blood Turnip—A second-early variety of good flavor. A handsome, clean, turnip-shaped blood beet. Skin and flesh are of a deep blood red, sweet and tender in quality, and unsurpassed for solidity and keeping purposes. The roots grow regular and are of right marketable size. An excellent keeper. **Price:** Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 50c; Lb., \$1.00; 5 Lbs., \$9.00.

LONG SMOOTH BLOOD-RED—A most excellent keeper, grows to good size, half out of ground. **Price:** Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 50c; Lb., \$1.00.

MANGEL WURZEL

For Stock Feeding.

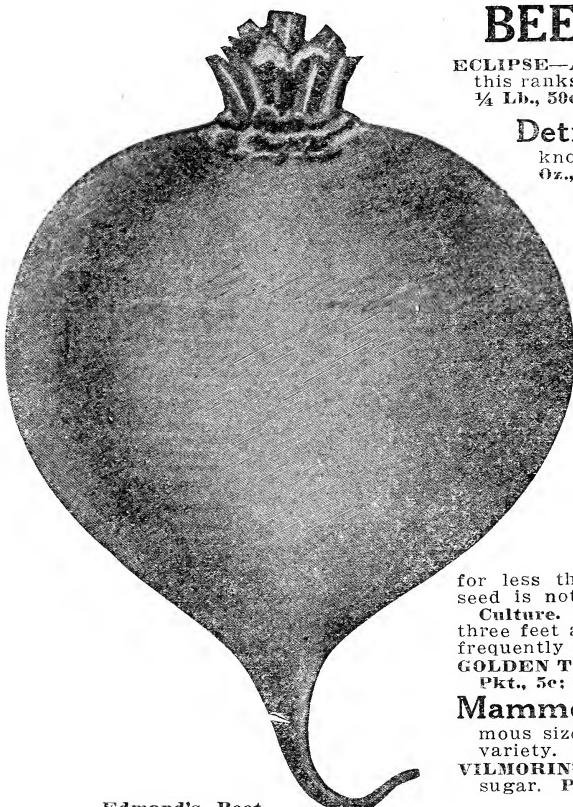
We have our seed grown under contract in England by experts, as there is no other place in the world where Mangel and Ruta Baga are produced to such perfection. Mangel and Ruta Baga seed can be grown in the south of France for less than one-half the price we pay for our seed, this seed is not dependable, therefore we do not handle it.

Culture. Sow 6 pounds to the acre in May or June, in rows three feet apart, and thin to nine inches in the row. Cultivate frequently with horse tools.

GOLDEN TANKARD—The best yellow for stock feeding. **Price:** Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 40c; Lb., \$1.25.

Mammoth Long Red—This is the largest of all the Mangels; grows to an enormous size and will yield more tons per acre than any other variety. **Price:** Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 40c; Lb., \$1.25.

VILMORIN'S IMPROVED—The best variety for producing sugar. **Price:** Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 40c; Lb., \$1.25.



Edmand's Beet.

SWISS CHARD

Grown for Leaves Only.

SWISS CHARD—After once having used Swiss Chard for greens we believe your garden will always have at least a row of Swiss Chard; it is delicious, which is served up like asparagus or spinach, by using the outer leaves. **Price:** Pkt., 5c; Oz., 20c; $\frac{1}{4}$ Lb., 60c; Lb., \$2.00.

Swiss Chard Lucullus—A new, moss curled sort. Very large leaves and the middle ribs are very broad, forming a good substitute for asparagus during the Summer months. **Price:** Pkt., 5c; Oz., 20c; $\frac{1}{4}$ Lb., 60c; Lb., \$2.00.

BRUSSELS SPROUTS

(Sprossen Kohl)

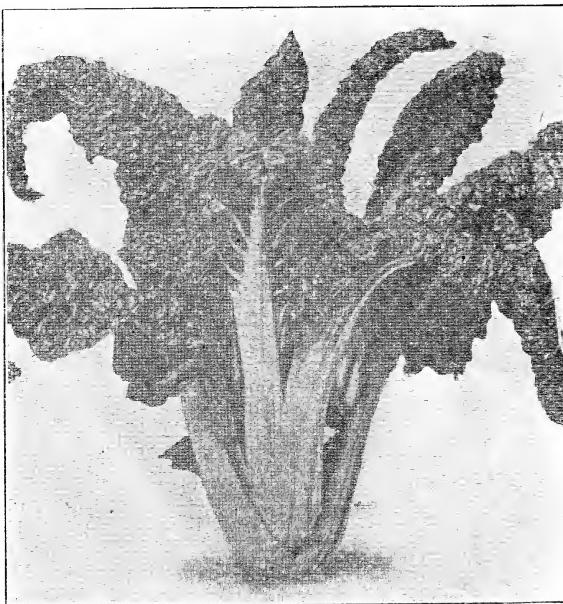


THE very best winter vegetable. Frost seems to improve the delicious flavor instead of injuring. The plants may remain in the open ground until desired for cooking.

ROSEBERRY—The choicest variety. **Price:** Pkt., 5c; $\frac{1}{2}$ Oz., 15c; Oz., 25c; $\frac{1}{4}$ Lb., 90c.

Try Our Novelty Home Garden Collection, Page 4

Brussels Sprouts.



Giant Lucullus Swiss Chard.



St. L. S. Co.'s Earliest Dwarf Erfurt, Extra Select.

St. L. S. Co.'s Earliest Dwarf Erfurt, Extra Select

—Very early and form snow white heads six to ten inches in diameter of good quality. Its close growing habit permits more heads to a given area than the later maturing sorts. Excellent for both early and late planting. Grown from stock seed obtained from originators. Price: Pkt., 25c; $\frac{1}{4}$ Oz., \$2.75; $\frac{1}{2}$ Oz., \$5.00; Oz., \$10.00.

Pride of Denmark—A fine variety of Cauliflower, especially adapted for sections subjected to long, dry seasons. The heads grow to a large size, are very solid, pure white and of delicious flavor. Price: Pkt., 25c; $\frac{1}{4}$ Oz., \$2.50; $\frac{1}{2}$ Oz., \$5.00; Oz., \$10.00.

Selected Early Snowball—This comes next to our Best of All. A sure-heading variety of dwarf habit, with short outer leaves, adapted for forcing under glass during winter and spring. Price: Pkt., 25c; $\frac{1}{4}$ Oz., \$1.25; $\frac{1}{2}$ Oz., \$2.50; Oz., \$5.00.

Celery or Chinese Cabbage

IMPROVED Chinese Cabbage. The market appearance of this cabbage in quantity the past two years has created a wide-spread demand for the seed. It is very easily grown and does well in nearly all parts of the country. It should be grown like a late cabbage, planting in July, as early plantings run quickly to seed. The seed is sown in drills 16 to 20 inches apart and the seedlings thinned 10 inches apart. The full grown plant somewhat resembles a Cos Lettuce in appearance. It has a mild flavor and may be eaten raw or as a salad, or cooked. Boiled minced and seasoned with butter, it is especially delectable. Price: Pkt., 10c; $\frac{1}{2}$ Oz., 20c; Oz., 35c; $\frac{1}{4}$ Lb., \$1.25.

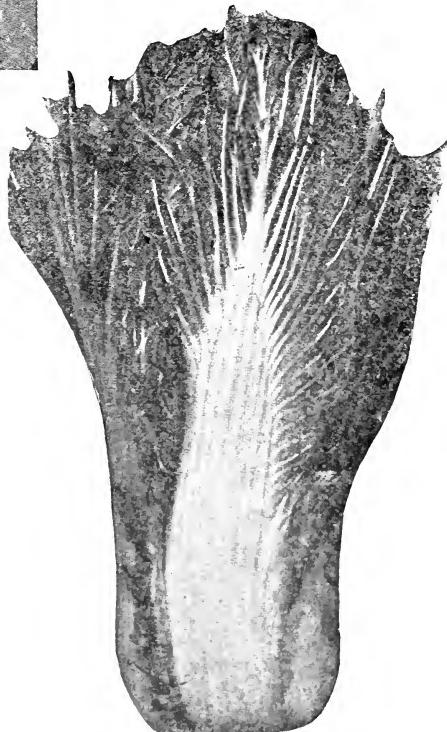
CAULIFLOWER

CULTURE.—Plant seed in hot-beds in March or early in April and transplant to cold-frames as soon as large enough to handle. One ounce of seed will produce 3000 to 4000 plants.

St. L. S. Co.'s Early Perfection Erfurt Forcing.

THIS is a new improved strain of Cauliflower that we introduce. It is the finest, the handsomest and the earliest Cauliflower in existence, as well as the largest species ever discovered. It is gorgeous beyond description. Its color is snow white, and its growth is of the most compact form. For an early outdoor forcing variety it cannot be surpassed. If you have been planting the Dwarf Erfurt varieties you should give this new introduction a trial this season. It has been thoroughly tested in this locality and is a sure cropper. Price: Pkt., 25c; $\frac{1}{4}$ Oz., \$2.75; $\frac{1}{2}$ Oz., \$5.00; Oz., \$10.00.

Raise Your Own Fresh Vegetables. Try Our Novelty Home Garden Collection Listed on Page 4



Chinese Cabbage.

CABBAGE

(Kopf-Kohl)

One ounce will produce about 2,000 plants; $\frac{1}{4}$ pound seed in beds will produce plants for one acre.

CULTURE.—Sow the early kinds in hotbeds in February and March, and in the open ground in April and May. The late varieties for fall and winter use sow in May, and transplant from the 8th to the 25th of July. Plant the early sorts 20 inches distant in a row and 2 feet between the rows; the later sorts $2\frac{1}{2}$ feet each way. To be well-grown, Cabbages require a deep, rich loamy soil. Our Cabbage seed is especially grown for us, and we offer it as being of superior quality.

COPENHAGEN MARKET CABBAGE

THIS superb new Cabbage is undoubtedly without a rival as the finest large round-headed early Cabbage in cultivation. The type is thoroughly fixed, the heads maturing all at the same time—(this being a great consideration to Market Gardeners, entailing less labor in harvesting the crop and allows the ground to be cleared at the first cutting). The heads average about eight pounds each in weight, are very solid, with small core and of fine quality. It matures as early as Charleston Wakefield, and will give a much heavier yield per acre than that popular variety. The plant is short-stemmed, the heads being produced almost on the ground level. The leaves are light green, rather small saucer-shaped, and always tightly folded. Price: Pkt., 10c; $\frac{1}{2}$ Oz., 55c; Oz., \$1.00; $\frac{1}{4}$ Lb., \$3.75.

ST. L. S. CO.'S EARLY TOP-NOTCH

This is superior to any other varieties, both in earliness and productiveness; in fact, it is the most important addition made to the cabbage family, large, round, solid heads of superior quality. Price: Pkt., 10c; $\frac{1}{2}$ Oz., 55c; Oz., \$1.00; $\frac{1}{4}$ Lb., \$3.75.

Improved Early Jersey Wakefield—While this variety has been long considered as the best early conical-type Cabbage which we have, the heads are



Copenhagen Market.

hard and solid with just a few outside leaves, which are unusually thick, enabling them to stand cold weather. This is our own private stock. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 25c; Oz., 50c; $\frac{1}{4}$ Lb., \$1.90.

Charleston, or Large-Type Wakefield

—This type of Cabbage retains all the characteristics of the Improved Early Jersey Wakefield with the added advantage of greater size, where large-sized Cabbage is wanted in this type, either for market or private use. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 25c; Oz., 50c; $\frac{1}{4}$ Lb., \$1.90.

Henderson's Early Summer—Always popular with market gardeners, as heads are twice as large as Wakefield and only twelve days to two weeks later. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 25c; Oz., 50c; $\frac{1}{4}$ Lb., \$1.90.

Improved Brunswick—Ours is the true short-stem strain. Good for second early and late crop, and attains an extraordinary large size. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 20c; Oz., 35c; $\frac{1}{4}$ Lb., \$1.00; Lb., \$4.00.

ALL SEASONS OR SUREHEAD—This is certainly well named, as it is a sure header of the Flat Dutch type of heads, and a first-class main crop sort. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 20c; Oz., 35c; $\frac{1}{4}$ Lb., \$1.00; Lb., \$4.00.

FOTTLER'S EARLY DRUMHEAD, OR SHORT STEM—One of the best second early varieties. Head large, flat, compact, solid and of fine quality. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 20c; Oz., 35c; $\frac{1}{4}$ Lb., \$1.00; Lb., \$4.00.



Early Jersey Wakefield.

CABBAGE—Continued.

St. Louis Late Market.

SUPERIOR LATE FLAT DUTCH—The heads are large and very solid; open white, are crisp and tender, and sure to head. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 20c; Oz., 35c; $\frac{1}{4}$ Lb., \$1.00; Lb., \$4.00.

St. Louis Late Market—For regularity in growth and sure heading this variety can't be beat. Is of a handsome color and appearance; mammoth in size, delicious in quality, extra short stem and compact in growth. In fact, it is one of the largest and best late cabbages ever discovered. We control and own the entire stock. Price: Pkt., 10c; $\frac{1}{2}$ Oz., 20c; Oz., 35c; $\frac{1}{4}$ Lb., \$1.25; Lb., \$4.50.

RED CABBAGE

EA. RED ERFURT—Very early and solid. Price: Pkt., 10c; $\frac{1}{2}$ Oz., 40c; Oz., 75c.

Mammoth Rock Red—This is by far the best, largest and surest-heading Red Cabbage ever introduced. The plant is large, with numerous spreading leaves. The head is large, round, very solid. Price: Pkt., 10c; $\frac{1}{2}$ Oz., 40c; Oz., 75c.

SAVOY CABBAGE

PERFECTION LATE SAVOY—None of the late-growing varieties can begin to equal in flavor this sort for family use; heads large. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 25c; Oz., 50c; $\frac{1}{4}$ Lb., \$1.90.

EARLY DWARF ULM SAVOY—A very early and superior dwarf variety of fine quality. Price: Pkt., 10c; $\frac{1}{2}$ Oz., 25c; Oz., 50c; $\frac{1}{4}$ Lb., \$1.90.

"AMERICAN KING" CABBAGE

Succeeds where all other Varieties fail. The Best Keeper. The Largest Headed. The Finest Quality.

INTRODUCED by us in 1904, it has met with universal praise everywhere. Mammoth solid heads, weighing from 15 to 20 pounds, are common sights in a field of this wonderful late Cabbage. We could not offer you anything better if we had the world's entire output of cabbage to select from. Its chief points of merit are in absolute reliability as a sure cropper, its uniformly large size of head, its great drought and worm-proof qualities. A very prominent and distinct feature of the **American King** has a small number of ribs and their remarkable smallness in size. This stamps it of the highest quality. Price: Pkt., 10c; $\frac{1}{2}$ Oz., 20c; Oz., 35c; $\frac{1}{4}$ Lb., \$1.25; Lb., \$5.00. Postpaid.



CARROT

One ounce will sow
100 feet of drill.

CULTURE.—April is the time to sow for early use. Sow seed in drills twelve to fifteen inches apart, and thin out from three to four inches in drill, covering seed about one-half inch. For general crop sow in May same distance apart as above, but cover seed a little deeper as sun is stronger. Perfect specimens require a fine, pulverized, deep soil.

Carrots are not appreciated as they should be. Their table qualities are excellent, and as a food for stock they are surpassed by few root crops. They are especially valuable when fed to dairy cows, producing an increased flow of rich milk and imparting a beautiful golden yellow to the butter. We urge a more general use of the Carrot among our customers. Like other root crops, it flourishes best in a well enriched sandy soil, deeply tilled, and if plowed the Fall before so much the better.

EARLY SCARLET HORN (Stump Root)—One of the best early forcing varieties, this being used mostly for forcing and extra early planting. Grows well in shallow soil, being a short variety with small top. Price: Pkt., 5c; Oz., 20c; $\frac{1}{4}$ Lb., 75c; Lb., \$2.50.

Guerande, or Oxheart—Roots are broad at the top, terminating abruptly in a small tap root. On account of their shape they are easily dug. Flesh is a bright orange, fine grain and very sweet. Tops are small for the size root. Grows well in soil too hard for the longer growing sorts. Price: Pkt., 5c; Oz., 20c; $\frac{1}{4}$ Lb., 60c; Lb., \$2.25.

Early Half Long Scarlet—Very productive, medium early and of excellent quality. Tops medium sized, necks small. Roots thick, five and one-half to six inches in length, uniformly half long or stump rooted but tapering slightly, smooth, deep orange-red in color. Price: Pkt., 5c; Oz., 20c; $\frac{1}{4}$ Lb., 60c; Lb., \$2.00.

Danvers Half - Long Improved (Stump Root)—For a general crop the best; the largest yield; the most profitable for the market gardeners. Roots medium length, deep orange, tapering uniformly to a blunt point; smooth and handsome. Flesh sweet, crisp and tender. The Danvers Half-Long originated in Danvers, Mass., where the raising of Carrots is a specialty. It is now grown largely everywhere on account of its great productiveness and great adaptability to all classes of soil. Great care has been taken in the selection of roots for seeds. Price: Pkt., 5c; Oz., 20c; $\frac{1}{4}$ Lb., 60c; Lb., \$2.00.

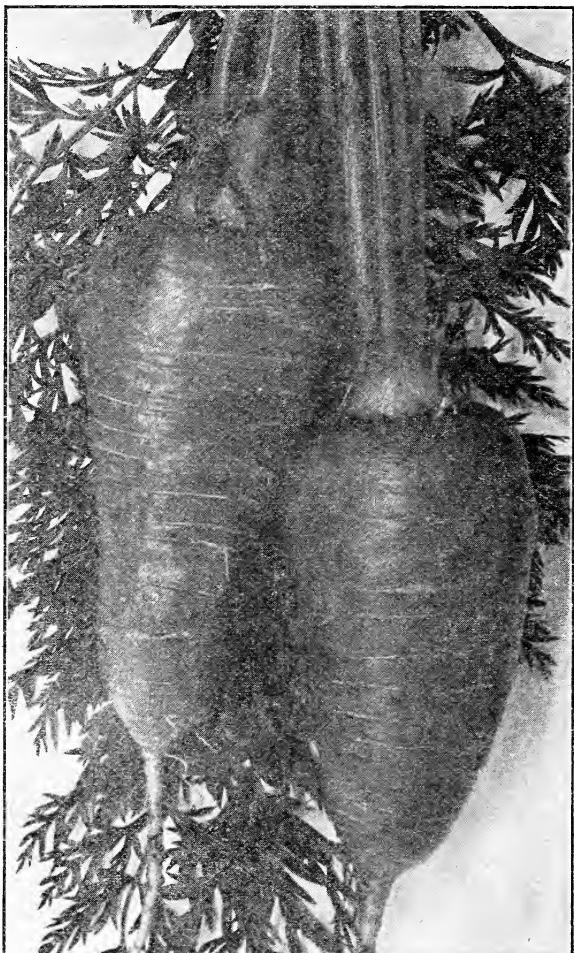
Frankfurt—A rich orange-red variety, very smooth and handsome, producing very large crops. An excellent market variety. Grown largely on account of its great productiveness and adaptability to all classes of soil. Tops of medium size. Roots of medium length, six to eight inches long, tapering uniformly to a blunt point. Flesh deep orange, crisp and tender. Although the roots of this variety are comparatively short they produce as large a bulk as the longer field sorts and are more easily harvested. Price: Pkt., 10c; Oz., 25c; $\frac{1}{4}$ Lb., 75c; Lb., \$2.50.

ST. VALERY—In our new private strain of St. Valery we offer you one of the best. In size it is large; rich, deep orange in color. Price: Pkt., 5c; Oz., 20c; $\frac{1}{4}$ Lb., 50c; Lb., \$1.90.

LONG ORANGE—Large, sweet, thick and tender; an immense yielder and an ideal variety for both table and stock feeding. Price: Pkt., 5c; Oz., 20c; $\frac{1}{4}$ Lb., 50c; Lb., \$1.90.

Improved Rubican (Stump-Rooted)—It is a magnificent stump-rooted carrot of a rich orange shade, and of a most excellent flavor. It is valuable for all uses owing to its extreme sweetness and its enormous yielding merits. Price: Pkt., 5c; Oz., 20c; $\frac{1}{4}$ Lb., 60c; Lb., \$2.00.

"IT PAYS TO PLANT THE BEST"



Early Half Long Scarlet.

PLANT A GARDEN

Grow your own vegetables, we offer a fine collection of 15 packets, best home garden varieties for 50 cents. See page 4.

CELERY

(Cellerie)

One ounce will produce about 3,000 plants. One-half pound of seed sufficient to sow one acre.

CULTURE.—The proper time to sow is early in April, transplanting about the first of June. Set in rows 3 feet apart, and about 8 inches between plants in the row. Keep down all weeds, and as Fall approaches, draw earth up to the plants, keeping the stalks well together.

ST. L. S. CO. DWARF PERFECTION CELERY

THIS is without doubt the most valuable variety of Celery grown. It is also much stouter, thicker and heavier, with double the amount of heart of any known Celery. The plant is beautiful in appearance, of close habit and compact growth. Ribs perfectly solid, crisp and of a delicious nutty flavor. It blanches very quickly when boarded up, is stocky in growth, medium in height and very brittle. It is more vigorous than the Golden Self-Blanching and its keeping qualities, flavor and quality are unsurpassed by any Celery. Price: Pkt., 10c; $\frac{1}{2}$ Oz., 20c; Oz., 40c; $\frac{1}{4}$ Lb., \$1.50. Postpaid.

Golden Self-Blanching (American grown seed)—An early sort requiring but little labor to blanch. Heart rich golden-yellow, with light yellowish green outer leaves. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 15c; Oz., 25c; $\frac{1}{4}$ Lb., 90c; Lb., \$3.50.

Golden Self-Blanching (French grown)—This grand variety of French origin is becoming more popular every year, and is now one of the most extensively grown sorts both for private use and for market. It is of compact growth, the stalks being thick, crisp and brittle, while the hearts are large and solid, all blanching a beautiful waxen-yellow. Price: Pkt., 10c; $\frac{1}{2}$ Oz., 30c; Oz., 50c; $\frac{1}{4}$ Lb., \$1.00.

WINTER QUEEN—A very popular Winter Celery. It is one of the very best keepers. It is very heavy, large hearted, of a sweet nutty flavor, so desirable in Celery. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 15c; Oz., 25c; $\frac{1}{4}$ Lb., 75c.

GOLDEN HEART—Very fine. When blanched the heart is of a beautiful waxy, golden yellow color. Very showy and attractive. Dwarf. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 10c; Oz., 20c; $\frac{1}{4}$ Lb., 50c; Lb., \$1.75.

White Plume—One of the most desirable home garden varieties. Is earlier than Golden Self-Blanching, but is white in-



Golden Self-Blanching.
(American-grown seed.)

stead of yellow. This famous variety is popular for the smaller home gardens. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 15c; Oz., 25c; $\frac{1}{4}$ Lb., 75c.

CURLED CELERY—This new variety is used by gardeners for cutting and bunching; used to make soup, etc. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 10c; Oz., 20c; $\frac{1}{4}$ Lb., 60c.

CELERIAC

(Turnip Rooted Celery.)

CULTURE.—Treat seeds and plants the same as recommended for celery with the exception that it is customary to set the Celeriac plants in rows 1 foot apart. The roots are preserved for use in Winter by storing in moist sand in the cellar.

GIANT PRAGUE (Turnip Rooted)—This celebrated variety is the largest, smoothest and best strain of the Celery family. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 10c; Oz., 20c; $\frac{1}{4}$ Lb., 60c.

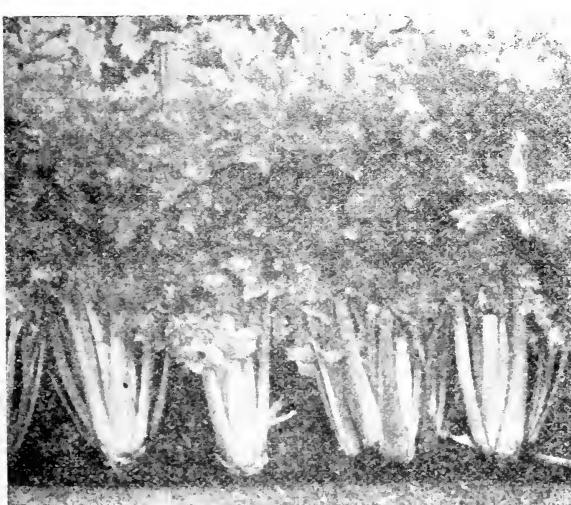
CARDOON

LARGE SPANISH—Large, fleshy-leaved plants, chiefly used as a winter vegetable. The blanched stalks and broad ribs of the inner leaves when properly cooked are tender and of an agreeable flavor. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 10c; Oz., 15c; $\frac{1}{4}$ Lb., 50c.

COLLARDS

A Favorite in the South, where Collards are used extensively for "greens."

GEORGIA or SOUTHERN—The standard sort for productiveness. Price: Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 50c.



ST. L. S. CO.'S DWARF GOLDEN PERFECTION.

SWEET CORN (Zucker Mais)

MARKET gardeners and private planters should keep in mind the important fact that Sweet Corn produced in the North is earlier and more hardy than the same varieties grown farther south. We do not think it too much to claim that nearly all of our varieties of Sweet Corn are easily a week to ten days earlier than the same varieties produced elsewhere. This means a great deal to the gardener who wishes to have his Corn first in market, for it is them that the best prices are obtained. It is equally as important also to the private planter growing Corn for his own table, as it lengthens the season for all varieties.

One lb. of seed will plant about 100 hills; 12 to 15 lbs., an acre in hills.

To have the finest Sweet Corn it must be picked in just the right condition, that is, when the skin of the grain breaks at the slightest puncture. It will be of inferior quality if it is either a few days too old or too young. Our Sweet Corn is thoroughly tested before it leaves our hands. At the following prices on Corn—packets and quarter pounds are sent prepaid, all larger quantities are shipped at purchaser's expense; if wanted by parcel post add postage at rates on page two.

GOLDEN BANTAM SWEET CORN

GOLDEN Bantam is a dwarf-growing early variety. The plant attains a height of only 3 or 4 feet, usually bearing two or more ears about 5 inches long to a stalk. These little fat ears are compactly filled with kernels, which, when ready for the table are cream-yellow, so lusciously sweet, tender and milky that some people claim it "the sweetest corn on earth."

The stalks, being short and small and having few leaves, may stand very close together. The seed may be planted either in hills or in rows. If the former, plant six or seven kernels in a hill, thinning out well so as to have four plants in each hill. If in rows and not in hills, drop the seed from six to eight inches apart, according to the soil, and if planted early cover about one inch deep. Seed planted later should be planted deeper, according to the amount of moisture in the soil. The rows may be just far enough apart to admit of cultivation. Twelve to fifteen lbs. of seed will plant an acre. Prepare the land thoroughly, making it deep and mellow. For early Corn, plant just as soon as danger of frost is over, bearing in mind

Golden Bantam.

that it is sometimes well to take a risk in early planting as early Corn is always in greatest demand. Price: Pkt., 10c; $\frac{1}{4}$ Lb., 20c; $\frac{1}{2}$ Lb., 30c; 1 Lb., 50c; 5 Lbs., \$2.00; 10 Lbs., \$3.90.

ADAM'S EXTRA EARLY—This is in fact the earliest in cultivation, but it is not strictly a sweet corn. Requires very rich corn soil. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 10c; $\frac{1}{2}$ Lb., 20c; 1 Lb., 35c; 5 Lbs., \$1.50; 10 Lbs., \$2.75.

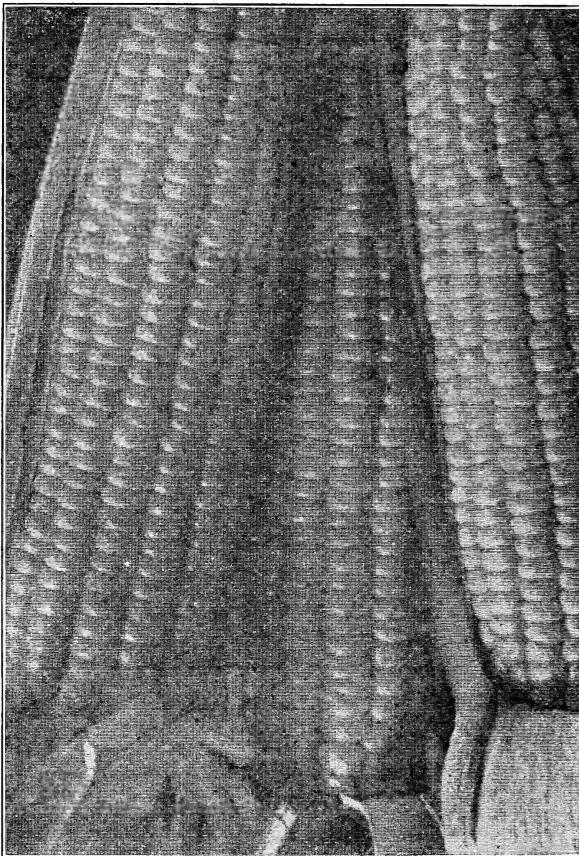
ADAM'S EARLY—A valuable market variety. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 10c; $\frac{1}{2}$ Lb., 20c; 1 Lb., 35c; 5 Lbs., \$1.50; 10 Lbs., \$2.75.

EARLY WHITE CORY—It is of a dwarf growth and short ears. We recommend it for its extreme earliness. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 15c; $\frac{1}{2}$ Lb., 25c; 1 Lb., 45c; 5 Lbs., \$2.00; 10 Lbs., \$3.90.

Mammoth White Corn—For a first-class early market or home use, and always produces two ears to a stalk, and sometimes three. Twelve rowed. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 15c; $\frac{1}{2}$ Lb., 25c; 1 Lb., 45c; 5 Lbs., \$2.00; 10 Lbs., \$3.90.

BLACK MEXICAN—When in condition for the table it cooks white, but the grain when ripe is black. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 15c; $\frac{1}{2}$ Lb., 25c; 1 Lb., 45c; 5 Lbs., \$2.00; 10 Lbs., \$3.90.

SHAKER'S EARLY—A beautiful white, juicy ear of appetizing quality. Grown extensively by gardeners for hotel and other high-class trade. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 15c; $\frac{1}{2}$ Lb., 25c; 1 Lb., 45c; 5 Lbs., \$2.00; 10 Lbs., \$3.90.



Early Evergreen.

SWEET CORN

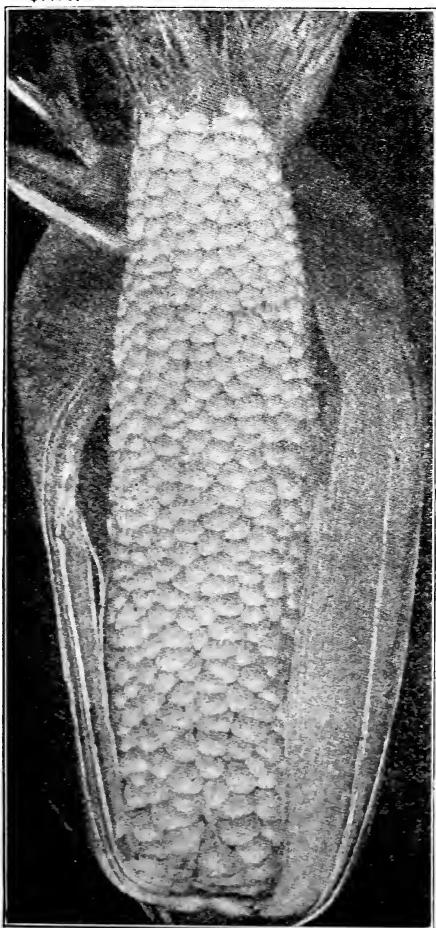
(Zucker Maize)

Please note prices on Sweet Corn are prepaid only on packets and quarter pound lots. Postage rates given on page two.

Early Evergreen—Ready for table with the second earlies, such large as any of them. The ears carry an average of 16 rows of fine large, deep, white and very sweet grains, which are second to none in tenderness and flavor. The stalk is very strong, sturdy and of only medium height; the leaves broad and dark green in color, a habit of growth, which gives it great endurance during a dry time. Especially adapted for early trucking; also very desirable for the home garden. Price: Pkt., 10c; $\frac{1}{4}$ Lb., 20c; $\frac{1}{2}$ Lb., 30c; Lb., 50c; 5 Lbs., \$2.25; 10 Lbs., \$4.00; 20 Lbs., \$7.50.

KENDALL'S EARLY GIANT—Those desiring the choicest and earliest Sweet Corn will do well to plant this variety, the growth being of a dwarf nature—4 to 5 feet high. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 15c; $\frac{1}{2}$ Lb., 25c; Lb., 45c; 5 Lbs., \$2.00; 10 Lbs., \$3.00; 20 Lbs., \$7.00.

Howling Mob—This variety originated at Toledo, Ohio, and its queer but appropriate name has reference to the loud and clamorous demand for the Corn when brought to market. The stalks are usually about 5 feet in height and produce early in the season two splendid ears to a stalk. The ears are 7 to 9 inches in length and are well covered with a heavy husk, affording protection from the green worms which so often are destructive to early varieties. There are 12 to 24 rows of good sized white kernels. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 15c; $\frac{1}{2}$ Lb., 25c; Lb., 45c; 5 Lbs., \$2.00; 10 Lbs., \$3.00; 20 Lbs., \$7.00.



Country Gentleman.

General Crop and Late

Early Champion

—Only a few days later than the extra earlies, bearing large, handsome, 12-rowed ears. Deep, white, plump grains and very sweet. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 15c; $\frac{1}{2}$ Lb., 25c; Lb., 45c; 5 Lbs., \$2.00; 10 Lbs., \$3.00; 20 Lbs., \$7.00.

White Evergreen

—Is of the same type as the famous "Stowell's Evergreen," only it is snow white, and of excellent quality. Stalks are of a very strong, vigorous growth, six to eight feet high. The ears are extra large. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 15c; $\frac{1}{2}$ Lb., 25c; Lb., 45c; 5 Lbs., \$2.00; 10 Lbs., \$3.00; 20 Lbs., \$7.00.

COUNTRY GENTLEMAN

—For a delicious, appetizing sweet corn this variety can not be surpassed. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 15c; $\frac{1}{2}$ Lb., 25c; Lb., 45c; 5 Lbs., \$2.00; 10 Lbs., \$3.00; 20 Lbs., \$7.00.

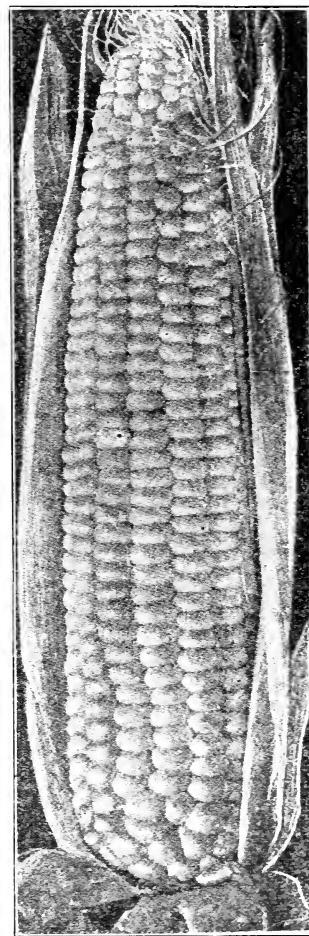
Stowell's Evergreen

—Too well known to need any introduction. The Stowell's Evergreen is hard to beat and for a long time to come many will have it in preference to any other sort. This Corn is distinguished by the large ear, the long, deep kernels, its rich, sugary flavor and its long-keeping qualities. Our seed has been selected for its sweetness, productivity and large size. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 15c; $\frac{1}{2}$ Lb., 25c; Lb., 50c; 5 Lbs., \$2.25; 10 Lbs., \$4.25; 20 Lbs., \$8.00.

ZIG ZAG EVERGREEN—The very best of all late white varieties. We have statements from experiment stations and from canning factories, as well as from hundreds of private planters, testifying to its superior sweetness and productiveness, incomparable whiteness when cooked and fine appearance on the table. As introducers of this variety, we assert, without fear of contradiction, that it is best of all the late white sorts. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 15c; $\frac{1}{2}$ Lb., 25c; Lb., 50c; 5 Lbs., \$2.25; 10 Lbs., \$4.25; 20 Lbs., \$8.00.

POP CORN

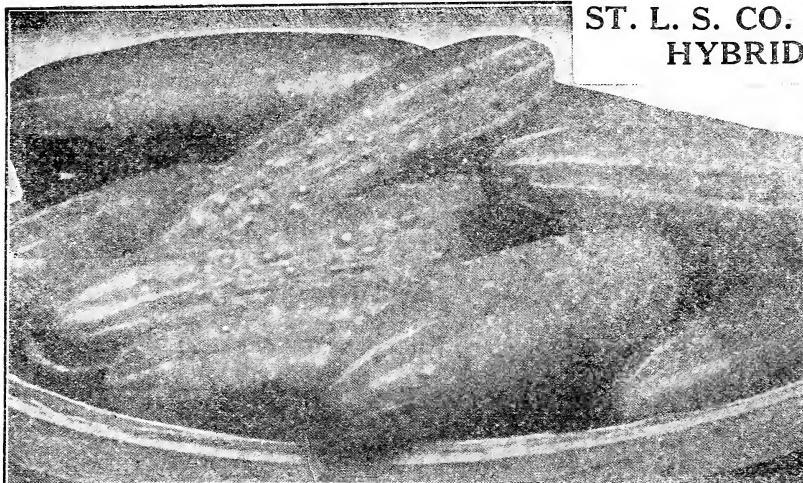
WHITE RICE—The most popular widely known variety. Price: Pkt., 5c; Lb., 20c; 10 Lbs., \$2.00.



Howling Mob.

CUCUMBEROne ounce will plant
about 50 hills.

(By Parcel Post, See Page 2.)
CULTURE.—The first planting should be made early in May in hotbeds; inverted sods form an excellent medium for both planting on and carrying the young plants to their permanent location, or small paper pots can be used. Such plantings are usually ready for transplanting to the open ground in from three to four weeks, and are seldom troubled with the striped bug. Transplanting when practicable, should be done in the evening, into hills 4 feet apart each way. Thin out to about four plants to a hill when established.

**ST. L. S. CO. IMPROVED GREEN HYBRID CUCUMBER.**

WE now offer the perfect Cucumber in our "Improved Green Hybrid," an extra early specie of a most remarkable quality and appearance. Its unique shape and handsome color predict for it a vegetable of immense popularity, its color being of a dark green, slightly ridged. It is enormously prolific and a continuous producer. For slicing it is superb, its symmetrical fruits are uniformly large. The flesh is very solid, fine grained. The vines are vigorous and mildew-proof: in fact for general use we unhesitatingly recommend it superior to any other variety. Price: Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 50c; Lb., \$1.50. Post-paid.

EARLY WHITE SPINE, OR PEERLESS—One of the best sorts to slice for the table. Our select strain of this well-known and popular variety is unsurpassed for the table and market. Grows 8 and 9 inches long. Price: Pkt., 5c; Oz., 19c; $\frac{1}{4}$ Lb., 35c; Lb., \$1.00.

ARLINGTON IMPROVED WHITE SPINE—Excellent for forcing or out-of-doors. A good seller on the market and a very profitable sort to grow for shipping. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 35c; Lb., \$1.00.

Extra Long White Spine or Evergreen—Extra long, dark green and very prolific, is what we claim for this variety. Fruits average from eight to ten inches long and have very few seeds. Price: Pkt., 5c; Oz., 16c; $\frac{1}{4}$ Lb., 35c; Lb., \$1.00.

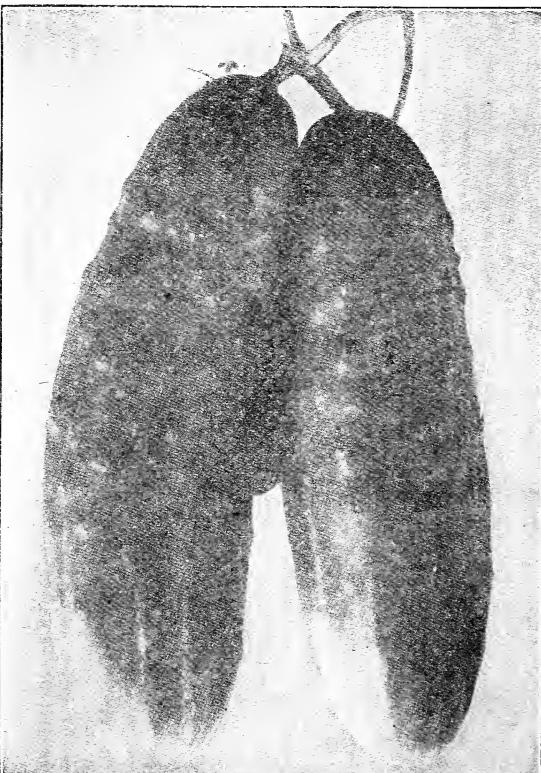
London Long Green—The standard of all long green varieties. Nearly as early as the shorter varieties and grows to 12 inches long. Yellow when ripe. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 35c; Lb., \$1.00.

JAPANESE CLIMBING—If you cannot spare the space in your garden for cucumbers to sprawl around on the ground, plant this variety and train up vines to poles or trellises. 8 to 10 inches long. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 15c; Oz., 25c; $\frac{1}{4}$ Lb., 75c.

JERSEY PICKLE—Intermediate between the long and short green. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 35c; Lb., \$1.00.

EARLY GREEN CLUSTER—Short and prickly. A favorite for bottle pickles on account of its great productiveness. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 35c; Lb., \$1.00.

GHERKIN OR BURR—A small round prickly cucumber. Makes excellent pickles. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 10c; Oz., 15c; $\frac{1}{4}$ Lb., 50c.



Extra Long White Spine or Evergreen.

CORN SALAD OR FETTICUS

(Ackersalat)

One ounce will sow about 100 feet of drill.

A FAVORITE for early "greens." By sowing in the Fall and protecting during the Winter with leaves or straw, it can be gathered very early in the Spring. However, if planted in April it is soon ready for use.

LARGE LEAVED—The hardiest, earliest and most appetizing variety grown. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 20c; Lb., 75c.

CRESS

BOTH the types described below are grown for the refreshing piquancy of the leaves, being used as an appetizing salad or for garnishing various dishes. **One ounce will sow two hundred feet of row.**

Fine Curled (Pepper Grass)—Grows very quickly and thinly in drills during the spring, summer, and fall months. The leaves are finely curled and quite ornamental in appearance, but as the plant soon runs to seed, frequent plantings should be made to keep up a supply. The flavor resembles that of mustard. Price: Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 50c; Lb., \$1.50.

Water Cress—A hardy plant which can be grown easily in a shallow pond of fresh water or along the edges of shallow running streams. It is in great demand during the winter and early spring months. Seed may be started readily in pans or boxes of very moist earth, and when the young plants are well started, they can be transplanted to the stream or pond where you wish them to grow. Price: Pkt., 5c; Oz., 35c; $\frac{1}{4}$ Lb., \$1.00.

DANDELION

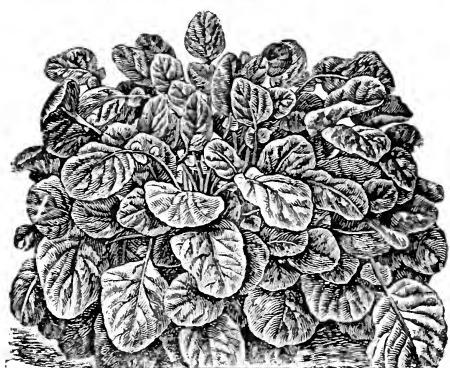
One ounce will sow about 100 feet of drill.
CULTURE.—Sow in May, in drills 10 inches apart; thin out to 3 inches apart.
Large Leaved—Price: Pkt., 10c; Oz., 45c; $\frac{1}{4}$ Lb., \$3.00.

CHIVES

CHIVES are small, hardy, perennial plants, resembling the onion in appearance and growing in clusters. They are grown for the young leaves, which are produced freely from early in the spring throughout the summer. They



Witloof Chicory.



Corn Salad.

give a mild onion flavor to sausages, salads, and various dishes. The tops appear early in the spring, and can be shorn off close to the ground as needed. Price: Seeds crop failed. Roots, 20c a bunch, postpaid.

CHICORY (Cichorium)

Witloof Chicory—In order to grow good "Witloof" the seed should be sown during April in the open ground, in drills 10 or 12 inches apart, in deep, rich soil. Allow the plants to grow until November, then take up the roots and trim off the leaves to about 1½ inches from the neck. Then plant in a trench 8 to 12 inches deep, placing the roots upright, about 1½ inches apart.

Witloof is eaten raw or as a salad and is also sometimes cooked like ordinary Endive. Price: Pkt., 10c; $\frac{1}{2}$ Oz., 50c; Oz., 90c; $\frac{1}{4}$ Lb., \$3.50.

LARGE ROOTED—The finest flavored and hardest growing variety. Price: Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 50c.

ENDIVE (Endivium)

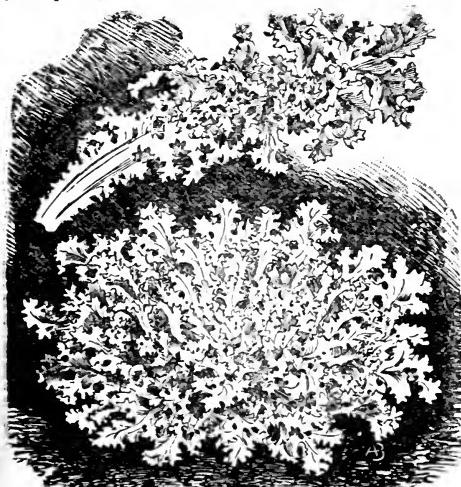
One ounce of seed to 300 feet of row.

ENDIVE is one of the best and most wholesome salads for fall and winter use. Sow in shallow drills in April for early use, or for late use in June or July. When nearly full grown, and before they are fit for the table, they must be bleached. This is done by gathering the leaves together and tying with yarn or bass.

Green Curled—Ornamental curled leaves of dark green color. Blanches white and crisp. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 10c; Oz., 15c; $\frac{1}{4}$ Lb., 50c; Lb., \$1.50. Postpaid.

WHITE CURLY—Leaves not so tender as the green, but is self-blanching and very attractive. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 10c; Oz., 15c; $\frac{1}{4}$ Lb., 50c; Lb., \$1.50. Postpaid.

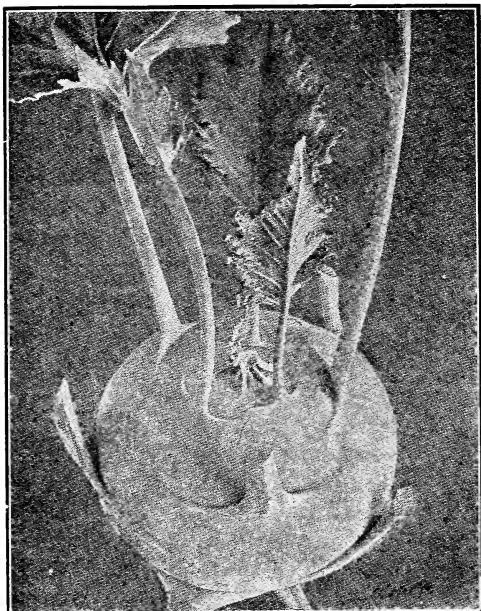
BROAD-LEAVED or ESCAROLLE—Broad, thick ribs, with slightly wrinkled leaves. The best broad-leaved variety. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 10c; Oz., 15c; $\frac{1}{4}$ Lb., 50c; Lb., \$1.50. Postpaid.



Green Curled Endive.

SEEDS BY PARCEL POST

We deliver Free in U. S. all Vegetable or Flower Seeds by the packet, ounce or quarter pound.



Kohl-Rabi.

KOHL-RABI (Kohlrabi)

One ounce will sow about 200 feet of drill.

CULTURE.—This is a very delicious vegetable, and is increasing in popularity rapidly; combines the good qualities of the turnip and cabbage, but excels both in nutritive and productive qualities. Cooked the same as turnips, they are very tender and palatable. Sow in spring in rows 14 inches apart, and thin away the plants to 8 inches.

Early White Vienna—Flesh white and tender; a standard sort for market and table use. Good for forcing. This variety has a very short top and forms the ball quickly, thus making it a particularly desirable sort on account of its earliness. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 20c; Oz., 35c; $\frac{1}{4}$ Lb., \$1.25.

EARLIEST WHITE ERFURT—An excellent variety for forcing. It will also do well in the open ground. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 20c; Oz., 35c; $\frac{1}{4}$ Lb., \$1.25.

EARLY PURPLE VIENNA—Differs from the Early White Vienna in color only. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 20c; Oz., 35c.



Dwarf German Green Home Grown.

EGG PLANT (Eierpflanze)

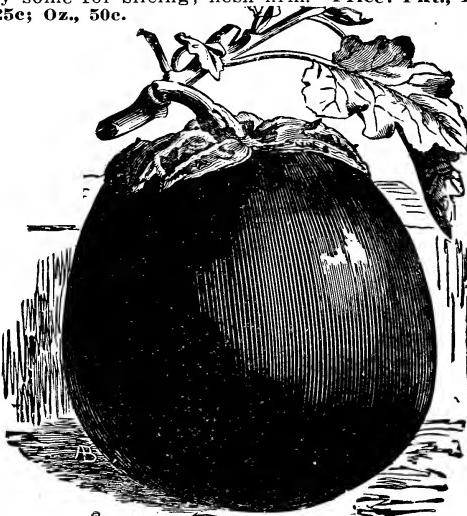
One ounce will produce about 1000 plants.

St. L. S. Co.'s Improved Oval Spineless

—This new variety, our own production, has proven itself superior to any other strain, being very early. Hardy and productive, it is an ideal variety and gardeners can make more money from this improved and selected strain than from any other. Price: Pkt., 10c; $\frac{1}{2}$ Oz., 25c; Oz., 50c; $\frac{1}{4}$ Lb., \$1.75. Postpaid.

BLACK BEAUTY—This distinct new variety is indeed a beauty. It is very attractive in appearance and of excellent flavor. Price: Pkt., 10c; $\frac{1}{2}$ Oz., 25c; Oz., 50c; $\frac{1}{4}$ Lb., \$1.75. Postpaid.

EARLY LONG PURPLE—An early, hardier variety; club-shaped, dark purple fruit six to eight inches long, preferred by some for slicing; flesh firm. Price: Pkt., 10c; $\frac{1}{2}$ Oz., 25c; Oz., 50c.



St. L. S. Co.'s Improved Oval Spineless.

KALE (Blatter Kohl)

Sow four pounds to the acre; one ounce will sow 150 feet of drill.

(By Parcel Post, See Page 2.)

CULTURE.—For Spring use sow in September and protect during Winter with covering of straw. For Fall use sow in May or June, cover seed one-half inch deep. Transplant in rows three feet apart and two feet apart in row. Kale is improved by a little frost, giving it a more delicate flavor.

DWARF GERMAN FOR SPRING—An improved selection of the ordinary Dwarf German Greens. A superior variety for market culture. It has no equal. Price: Pkt., 5c; Oz., 20c; $\frac{1}{4}$ Lb., 60c; Lb., \$2.00.

Dwarf German Green Home Grown (for Fall)

—Largely grown for supplying "greens" during the Fall, Winter and Spring. The plants are hardy; frost improves the quality. The leaves are very large, deeply curled and fringed, and of that desirable rich bright green color; the plants are of very dwarf, even growth, so that they are not broken off by heavy, wet snow, as often happens with taller types.

Price: Pkt., 5c; Oz., 20c; $\frac{1}{4}$ Lb., 60c; Lb., \$2.00.

DOUBLE CURLED SCOTCH—Desirable for Winter and Spring greens. Leaves are curly like Parsley, tender and of very fine flavor. It is improved by frost. Price: Pkt., 5c; Oz., 20c; $\frac{1}{4}$ Lb., 60c; Lb., \$2.00.

TALL SCOTCH—This variety makes beautiful plants, two feet or more in height. Leaves are finely curled and very tender. Price: Pkt., 5c; Oz., 20c; $\frac{1}{4}$ Lb., 60c; Lb., \$2.00.

LEEK (Lauach)

One ounce will sow about 100 feet of drill.



LEEK is a mild onion flavored plant, prized as being the ideal for soup, etc. Transplant in rows 1 foot apart and 6 inches apart in the row.

LONDON FLAG — The earliest, largest and most uniform of all. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 15c; Oz., 25c; $\frac{1}{4}$ Lb., 55c; Lb., \$3.00. Postpaid.

LARGE ROUEN—A large thick, short-stemmed variety. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 15c; Oz., 25c; $\frac{1}{4}$ Lb., 85c; Lb., \$3.00.



MUSTARD (Senf)

One ounce will sow 40 feet of drill.

(By Parcel Post, See Page 2.)

MUSTARD should be sown in every garden. As a money maker it attains a high rank, always being in great demand by hotels; for greens, salads, etc., it is unsurpassed.

CHINESE CURLED—When cooked like spinach the broad leaves of this variety are delicious. They are often more than a foot in length and crimped much like the Savoy Cabbage. Price: Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 35c; Lb., \$1.00.

Giant Southern Curled—A favorite in the South, growing very large with a beautiful curled leaf. It is very tender and of especially good flavor; also desirable for garnishing. Price: Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 35c; Lb., \$1.00; 5 Lbs., \$4.50; 10 Lbs., \$8.50.

WHITE OR YELLOW LONDON—Seeds are used for pickling and the leaves are relished by many people. Price: Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 35c.

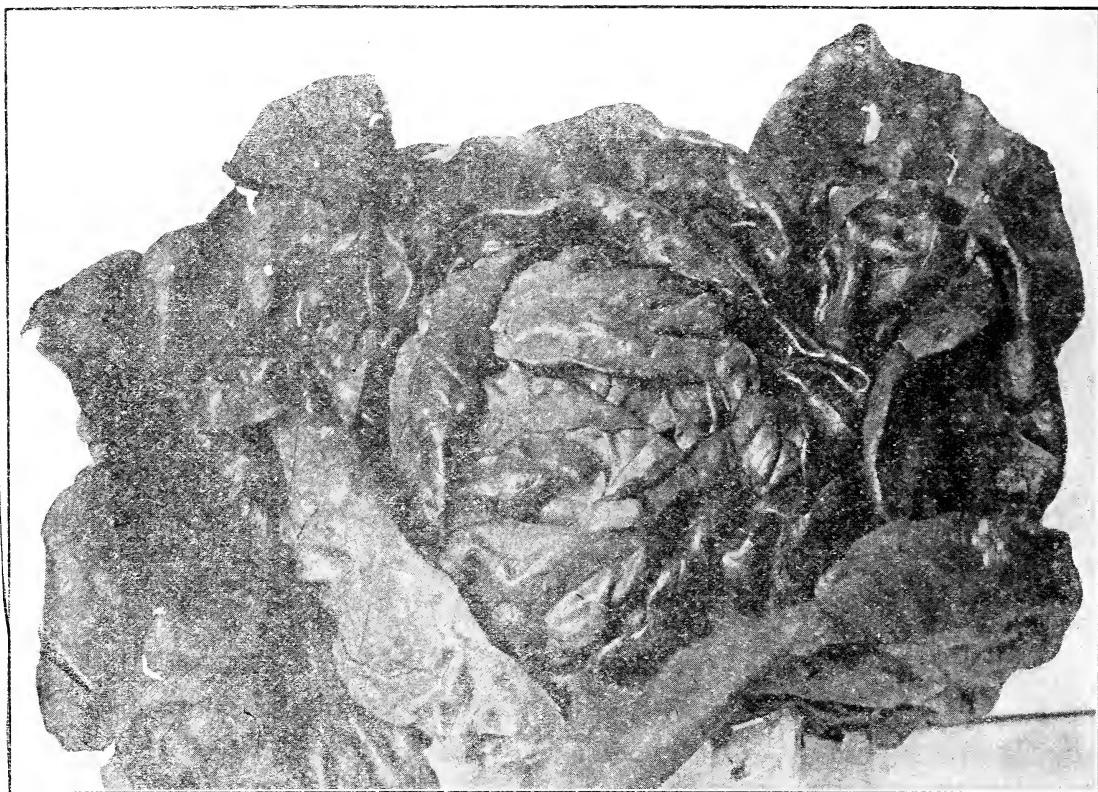
LETTUCE



CULTURE.—Lettuce seed should be sown very early in the spring and at intervals of 15 days for a succession; sow the seed in shallow drills—being careful to firm the soil well over the seed and thin to 4 inches apart in row. Two ounces of seed will sow 150 feet of rows, 4 to 5 lbs. seed required per acre.

King of the Garden Lettuce

THE heads are extra large and quite firm, leaves thin of the finest quality. The interior is beautifully blanched, creamy-white, crisp, tender and delicious, being absolutely free from any trace of bitterness. It is a very large, robust-growing variety, very slow to run to seed and a sure header under most trying conditions. Best for Early Spring or Fall use, as it will not stand extreme hot weather. Does its best when transplanted from the frames to outside in the spring. Does remarkably well for a late crop in the frames. Price: Pkt., 10c; $\frac{1}{2}$ Oz., 15c; Oz., 20c; $\frac{1}{4}$ Lb., 50c; Lb., \$1.50. Postpaid.



ST. L. S. CO. BIG MARKET GARDENER LETTUCE

A GRAND LARGE CABBAGE LETTUCE—FOR EITHER EARLY SPRING OR FALL USE—BIG, COMPACT, TENDER AND CRISP, CREAMY-WHITE HEADS

THIS grand variety has proven to be most valuable, steadily gaining in popularity until it is now more extensively grown than any other kind of lettuce, either for market or private table. Whether grown in the open ground for early spring or fall use, or in frames for spring, it invariably gives both grower and user the utmost satisfaction, producing under ordinarily favorable conditions, splendid large buttery-yellow heads, packed with thoroughly blanched leaves, crisp, tender, sweet and white. This grand variety makes a handsome plant, with large outside leaves, and stands long before bolting to seed. Large areas of it may be seen in the vicinity of St. Louis as late as November 15th; a slight covering of salt hay amply protects the plants from hard frosts, and when cut for market the leaves are fresh and bright. Thousands of acres of it are grown during the winter in Florida and other Southern States for shipping to northern markets. In fact, we know of no other variety that gives such general satisfaction. **Price:**

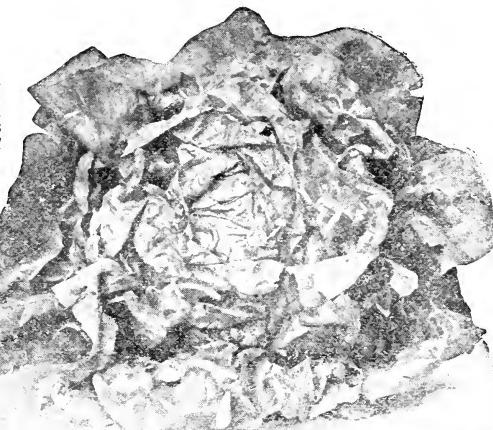
Pkt., 10c; $\frac{1}{2}$ Oz., 15c; Oz., 20c; $\frac{1}{4}$ Lb., 50c; Lb., \$1.50. Postpaid.

SEEDS BY PARCEL POST

We deliver Free in U. S. all Vegetable or Flower Seeds by the packet, ounce or quarter pound.

LETTUCE

CULTURE.—Lettuce seed should be sown very early in the spring and at intervals of 15 days for a succession; sow the seed in shallow drills—being careful to firm the soil well over the seed and thin to 4 inches apart in row. Two ounces of seed will sow 150 feet of rows, 4 to 5 lbs. seed required per acre.



Big Boston.

EARLY CURLED VARIETIES

EARLY CURLED SIMPSON—The standard cutting or loose-headed variety. Earlier than the heading sorts. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 10c; Oz., 15c; $\frac{1}{4}$ Lb., 40c; Lb., \$1.25.

BLACK SEEDED SIMPSON—Larger and lighter in color than Early Curled Simpson. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 10c; Oz., 15c; $\frac{1}{4}$ Lb., 40c; Lb., \$1.25.

GRAND RAPIDS—Especially adapted for early family use. A loose-headed Lettuce of pleasing appearance and remarkable table merit. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 10c; Oz., 15c; $\frac{1}{4}$ Lb., 40c; Lb., \$1.25.

Prizehead—As its name implies, forms a very large, loose head, slightly tinged with brown. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 10c; Oz., 15c; $\frac{1}{4}$ Lb., 40c; Lb., \$1.25.

HEADED VARIETIES

St. L. S. Co.'s Black Seeded Forcing—The favorite of gardeners who grow for the St Louis market. Heads grow of medium size, well formed and compact. Of excellent quality and fine appearance. Early, tender and delicious. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 10c; Oz., 15c; $\frac{1}{4}$ Lb., 50c; Lb., \$1.50.

St. L. S. Co.'s Big Boston—This grand variety has proved to be most valuable, is now more extensively grown than any other kind of lettuce, either for the private table or for sale, whether grown in the open ground for summer and fall use, in frames for spring, splendid, large, buttery-yellow heads, packed with thoroughly blanched leaves, crisp, tender, sweet and white. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 10c; Oz., 15c; $\frac{1}{4}$ Lb., 40c; Lb., \$1.25; 5 Lb., \$6.00.

ST. L. S. CO.'S IMP. BUTTER—This is one of the finest, the most brittle as well as the crispest lettuce. This delicious variety is of the cabbage type. Every plant is uniformly perfect, nearly all head and with but few outside leaves. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 10c; Oz., 15c; $\frac{1}{4}$ Lb., 50c; Lb., \$1.50.

Mammoth Black Seeded Butter—A fine variety for outdoor planting or for cold frames, either for market or home use. It produces extra large heads, very compact, of a fine flavor. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 10c; Oz., 15c; $\frac{1}{4}$ Lb., 50c; Lb., \$1.50; 5 Lb., \$6.50.

St. Louis Market—A favorite with gardeners; its good qualities always insure for it a big market demand. Large, hard heads of crisp, buttery flavor. A fine summer variety for home garden. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 10c; Oz., 15c; $\frac{1}{4}$ Lb., 40c; Lb., \$1.25; 5 Lb., \$6.00.

UNRIVALLED—A sure heading variety, suitable for growing at any season. Forms large, compact, buttery heads, and is slow to shoot to seed. The general character is similar to "Big Boston," except the color is lighter green and leaves are not tinged brown. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 10c; Oz., 15c; $\frac{1}{4}$ Lb., 50c; Lb., \$1.50.

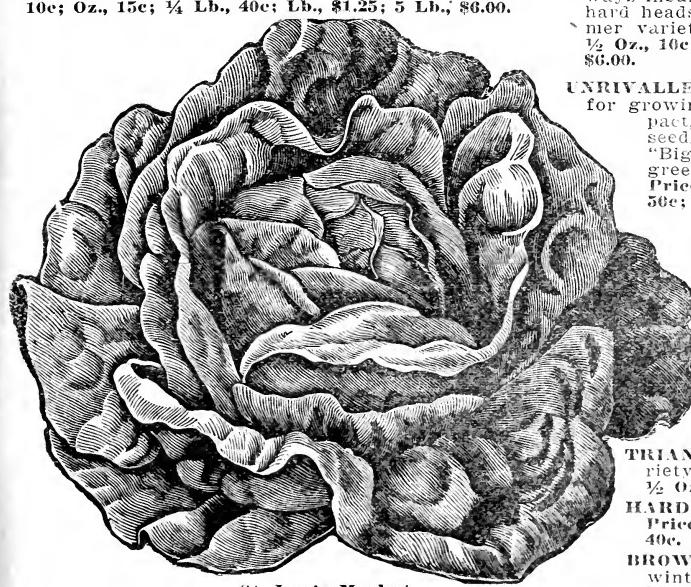
ST. L. S. CO.'S NOXALL—Very popular for summer use. It grows a large head and is very slow to run to seed. It is very tender and crisp, very nearly white in the heart. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 10c; Oz., 15c; $\frac{1}{4}$ Lb., 50c; Lb., \$1.50.

HANSON—In every respect an ideal lettuce. It never fails to make large handsome heads. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 10c; Oz., 15c; $\frac{1}{4}$ Lb., 40c; Lb., \$1.25.

TRIANON COS (Romanine)—A distinct variety, tall, self-bleaching. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 10c; Oz., 15c; $\frac{1}{4}$ Lb., 50c.

HARDY GREEN WINTER—Very popular. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 10c; Oz., 15c; $\frac{1}{4}$ Lb., 40c.

BROWN DUTCH WINTER—The standard winter sort. Of delicious flavor. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 10c; Oz., 15c; $\frac{1}{4}$ Lb., 40c.

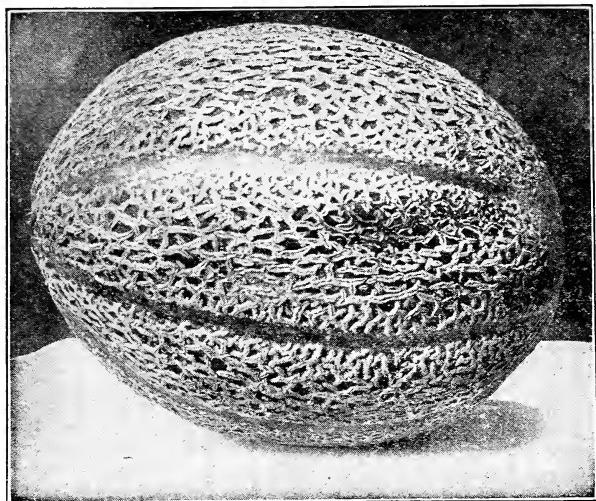


St. Louis Market.

MUSKMELO

(Melonen)

One ounce will plant about 50 hills; 2 to 3 Lbs. in hills per acre.



Rocky Ford or Netted Gem.

Rocky Ford or Netted Gem—The Melon that made Rocky Ford famous. The favorite green-fleshed shipping variety. Known well and favorably wherever Melons are grown; more largely planted and shipped in larger quantities than any other sort. Flesh green, very thick, sweet and juicy. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 30c; Lb., \$1.00.

EARLY HACKENSACK—Very early and reliable. Skin is green and thickly netted. Flesh light green. This valuable variety is ready for market fully ten days ahead of the well-known Hackensack. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 30c; Lb., \$1.00.

LARGE HACKENSACK (medium Early)—The Fruit is large and flattened. Ribs large and of irregular width, densely covered with coarse netting. Green flesh, thick, and excellent flavor. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 30c; Lb., \$1.00.

OSAGE—Dark green skin of a peculiar netting. Salmon flesh. Very delicious. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 30c; Lb., \$1.00.

HONEY DEW—Melons are a little different from both Muskmelons and Watermelons. The skin is smooth and hard, flesh extremely tender, rich, sweet and juicy. Price: Pkt., 10c; $\frac{1}{2}$ Oz., 15c; Oz., 20c; $\frac{1}{4}$ Lb., 75c.

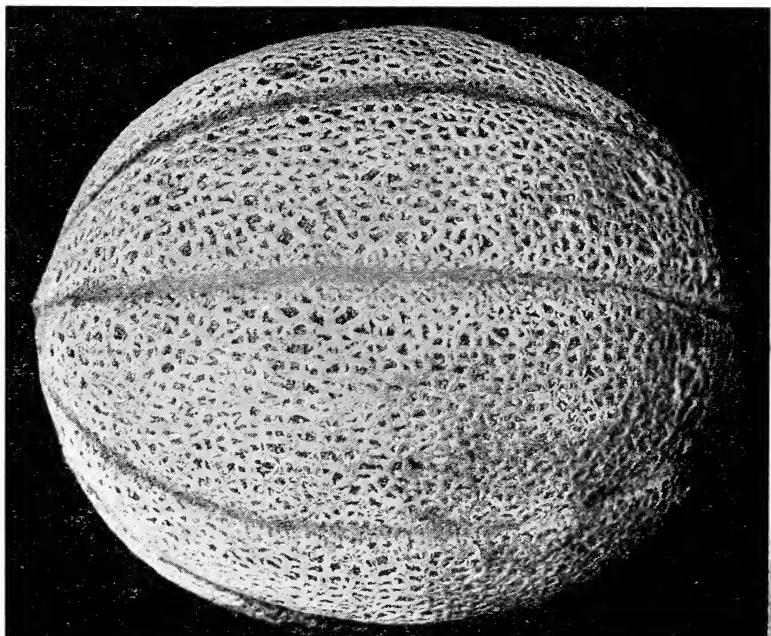
(Seed by Parcel Post, See Page 2.)

CULTIVATE in hills, which should be 5 to 6 feet apart each way, and composed of light, moderately rich soil. The hills should be dug about 2 feet square, 18 inches deep, and half-filled with well-rotted manure, which must be thoroughly incorporated with the soil. Plant in May, ten seeds to the hill, and when the plants are well up, thin out to three. Cultivate until the vines cover the ground and pinch the ends of the growing shoots to induce early fruiting.

St. L. S. Co.'s Eden Gem—This famous variety is the finest early green-fleshed of all the Rocky Ford type Melon in cultivation. The fruits are remarkably uniform in size, weighing from one and a quarter to one and a half pounds each. They are quite thick meated, with very thin rinds; skin light green, regularly ribbed and heavily netted, turning to a golden yellow as the Melon ripens. Flesh light green in color, firm but melting, of uniformly fine flavor. Price: Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 40c; Lb., \$1.25.

St. Louis Market—By far the sweetest and most luscious, richly flavored melon ever grown. Flesh is green and delicious, rind is green and solid, with a rich aromatic flavor that is simply indescribable. Price: Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 40c; Lb., \$1.50.

BURREL GEM—The flesh is of the most handsome salmon color, the skin of a beautiful netted dark green; it is shallow ribbed and shaped similar to the Rocky Ford only larger. Price: Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 30c; Lb., \$1.00.



St. L. S. Co.'s Eden Gem.

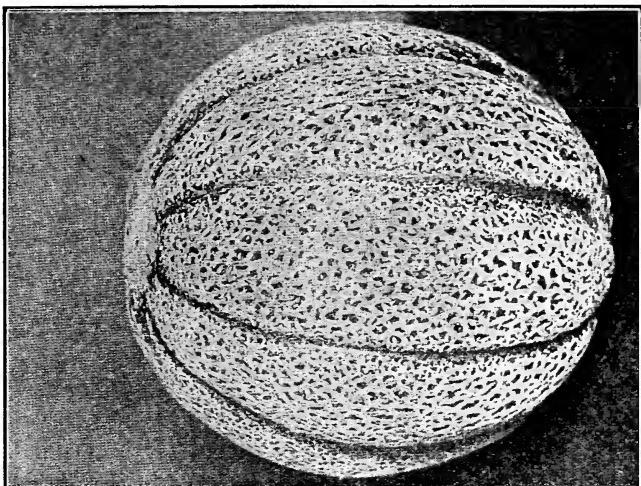
MUSKMELON—Continued

Colorado Queen—We pronounce this the best green-fleshed melon for shipping long distances offered to date. It is as early as the Rocky Ford, with deep flesh. The illustration shows the shape. It will hold up longer before getting soft and turning yellow than any variety we know of. The netting is heavy slightly covering the ribs. It averages a trifle larger than Burrell Gem. Price: Pkt., 10c; Oz., 15c; $\frac{1}{4}$ Lb., 40c; Lb., \$1.50.

EMERALD GEM—It is of a rich delicious flavor and fine quality. Very early and prolific; skin is striped deep emerald green with a few light colored stripes. Flesh is very thick and salmon color. Exceedingly popular variety for market gardener or home use. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 30c; Lb., \$1.00.

POMEGRANATE—When ripe, color of an orange. Fragrant. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 10c; Oz., 15c; $\frac{1}{4}$ Lb., 50c.

BANANA—Very long Cucumber-shaped; delicious odor; late. Price: Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 50c.



Colorado Queen.

WATERMELON

One ounce will plant about 50 hills.

Culture.—Treat the same as muskmelon, except that they should be planted 8 to 10 feet apart, according to variety.

(By Parcel Post, See Page 2.)

FORDHOOK EARLY—A most delicious and productive variety for the family garden, succeeding in northern states, where melons were never matured before. The flesh is of a beautiful bright red color. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 25c; Lb., 75c.

KLECKLEY SWEETS (Monte Cristo)—Is especially recommended for its fine flavor—in this respect surpassing most all others. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 25c; Lb., 75c.

Tom Watson—A large, oblong melon, the skin of which is dark green, with thick netting on the entire surface, quite distinct from other varieties. It averages 18 to 24 inches long and 10 to 12 inches in diameter and weighs 50 to 60 pounds. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 35c; Lb., \$1.00; 5 Lbs., \$4.50.

BLACK DIAMOND—A large melon, very productive. It is oval in shape with very dark skin. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 25c; Lb., 75c.



Tom Watson.

ST. L. S. CO.'S SWEETHEART—This melon is our great leader; it is one of the finest large melons in existence. Almost globular, but a little longer than thick. Skin is a beautiful light, bright mottled green, thin, but very tough rind. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 25c; Lb., 75c.

McIVER'S WONDERFUL SUGAR—This celebrated melon is claimed by many to be the sweetest of all varieties. Crisp, free from any strings. Solid meat. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 25c; Lb., 75c.

FLORIDA FAVORITE—Shape oblong, with light and dark green skin; flesh is bright crimson and deliciously sweet. We offer only a select stock of this famous melon. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 25c; Lb., 75c.

ALABAMA SWEET—This, without question, is the greatest melon ever offered. It is superior to others both in size and weight. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 25c; Lb., 75c.

HALBERT HONEY—Fully equals the Kleckley Sweets in superb luscious flavor, and has fruits more even and regular in outline, with a darker, richer colored skin. The vines are of strong, vigorous growth and set fruits very freely. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 25c; Lb., 75c.

GEORGIA RATTLESNAKE—One of the largest varieties, and stands shipping long distances. Fruit of good size, oblong in form, distinctly striped and mottled; flesh bright scarlet and of excellent quality. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 25c; Lb., 75c.

IMPROVED TRIUMPH—The largest, the sweetest, and one of the most beautiful melons in cultivation. Medium late. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 25c; Lb., 75c.

CITRON—Grown extensively for preserving. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 25c; Lb., 75c.

MUSHROOM CULTURE (Champignon-Brut)

Get our Directions How to Grow Mushrooms—It's Free.

MAY be grown in a great variety of situations—a dark room, cellar, stable or elsewhere. Any place in which an even temperature of about 50 or 60 degrees can be kept, is suitable. For materials for the bed, use fresh horse manure, free from straw or chips, and good loamy soil. Some growers use the manure unmixed with loam, after first having well fermented it by alternately piling up and mixing for a few weeks; but it is undoubtedly better not to allow the manure to heat much before forming the bed. Use one-fourth to one-third loam, the rest manure. Mix very thoroughly and upon a dry, firm bottom; make the bed of this mixture about four feet wide, and of any desired length. Build it up evenly, pressing it down very firmly, and leave it about a foot high. It will shortly begin to heat. Use a thermometer to thrust into bed, and note in the temperature. When the heat has partially subsided, leaving a temperature of 70 to 80 degrees, put in the spawn. Pieces from the size of walnuts to that of eggs are placed in the bed about a foot apart, deep enough to cover them well, and the manure pressed down. Let it remain thus ten or twelve days; then cover with two inches of fresh loam, and make this moderately firm.

The bed is finished by covering all with 4 or 5 inches of straw or other litter. Watering is not necessary unless the surface of the bed gets very dry; in this event moisten freely with water at a temperature of about 80 degrees. In gathering the crop do not cut, but twist them off carefully filling up the holes with loam to keep insects from the roots. In six or eight weeks from spawning the beds, mushrooms should appear.

LAMBERT'S PURE CULTURE SPAWN is far superior to the old style varieties and much better results can be obtained from its use. With every order of mushroom spawn we send free of charge complete instructions for mushroom culture. Bricks weigh from 18 to 20 ounces. A brick will spawn ten square feet of bed. Prices: Per Brick, 20c; 10 Bricks, \$2.00; 25 Bricks, \$4.75; 100 Bricks, \$17.00. By Parcel Post add 5c Brick for Postage.

Mushroom Books Tell All About It

MUSHROOM CULTURE—By Robinson. The best English book, cloth bound. Price: 50c. Postpaid.

MUSHROOMS—By W. Falconer. The best American book. Price: \$1.00. Postpaid.

OKRA, OR GUMBO

One ounce will sow 40 feet of drill.
(By Parcel Post, See Page 2.)

THIS celebrated Southern plant is becoming popular wherever grown, its nutritious young seed pods being used for stews, soups, etc., and is always in big demand. Sow seed thinly in drills one inch deep and three feet apart. Gather the pods when young. Very delicious and appetizing.

WHITE VELVET—Beautiful, smooth velvety white pods, produced in the greatest abundance. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.

PERKIN'S MAMMOTH LONG POD—In productiveness this Okra is simply wonderful. Pods of an intense green color, are of an unusual length and do not get hard. It is one of the best green sorts for canning for winter use. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.

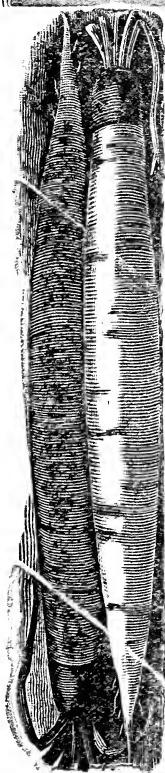
Dwarf Green—The standard dwarf, short green-pod variety. Very productive. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c; 5 Lbs., \$3.50.

OYSTER PLANT OR SALSIFY (Haferwurzel)

One ounce will sow 50 feet of drill.

MAMMOTH SANDWICH ISLAND—The favorite variety of Salsify, as well as the largest and best sort in cultivation, very hardy. Grown extensively by gardeners and truckers everywhere. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c; Lb., \$2.50.

LONG WHITE—A favorite market variety and fine flavored. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 90c.



Dwarf Green Okra.

ONION

(Zwiebeln)

An ounce will sow 100 feet of drill. Four to five pounds to the acre for Large Onions.

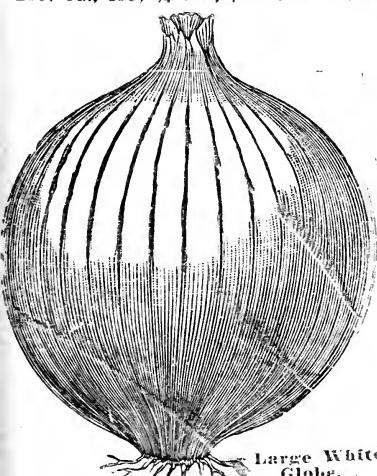
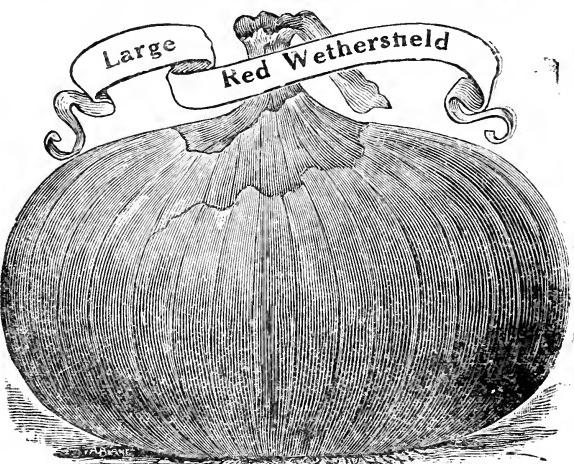
CULTURE—Sow in rich, sandy soil, in drills 1 foot apart, as early as possible in the spring, cover with fine soil when plants are strong enough, thin out to 3 or 4 inches. Have ground thoroughly cultivated, free from weeds and well fertilized.

EARLY RED TRIPOLI—A grand early red variety. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 20c; Oz., 40c; $\frac{1}{4}$ Lb., \$1.50.

LARGE RED WETHERSFIELD—Undoubtedly the most popular Onion ever grown. The standard of all red varieties. Skin is deep purple red, flesh purplish white. (See cut.) Price: Pkt., 5c; $\frac{1}{2}$ Oz., 20c; Oz., 35c; $\frac{1}{4}$ Lb., \$1.25; Lb., \$4.00.

Large Red Globe—This celebrated variety differs from the Wethersfield in being almost a perfect globe, and matures later, and by its handsome appearance on the market sells better. An excellent keeper. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 20c; Oz., 40c; $\frac{1}{4}$ Lb., 1.50; Lb., \$5.00.

YELLOW GLOBE DANVERS—A very handsome round or globe shape variety of large size, with thin, yellow skin. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 20c; Oz., 40c; $\frac{1}{4}$ Lb., \$1.50; Lb., \$5.00.



Large White
Globe.

ONION SETS

(By Parcel Post add 5c qt. Postage.)
Prices Subject to Change.

WHITE ONION SETS—For setting in early Spring to produce the first early white Onions. Price: Qt., 25c; Gal., 90c; Pk., \$1.50; Bu. (32 Lbs.), \$5.00.

YELLOW ONION SETS—These, like the white and red, are for early setting in Spring. Price: Qt., 20c; Gal., 75c; Pk., \$1.25; Bu. (32 Lbs.), \$4.00.

RED ONION SETS—For setting in early Spring to produce green onions for table, also used for growing large onion. Price: Qt., 20c; Gal., 75c; Pk., \$1.25; Bu., \$4.00.

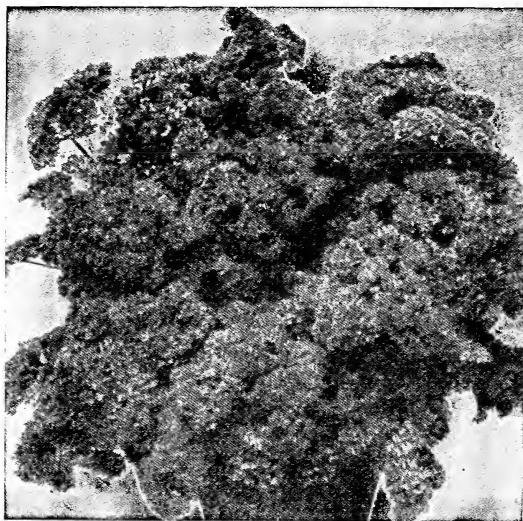
POTATO ONIONS, YELLOW—From the parent bulb many small bulbs are produced in clusters. Used for early Onions. Price: Lb., 20c; 5 Lbs., 90c; 20 Lbs., \$3.25.

Egyptian, or PERENNIAL TREE ONION—Should be planted in August. Write for Price.

GARLIC—Used for flavoring soups, stews and other dishes. The crop matures in August, when it is harvested like the onion crop. Price: Lb., 25c; 10 Lbs., \$2.00.



Garlic.



Double Curled Parsley.

CRIMSON KING PEPPER

A VERY HEAVY CROPPER, THE BEST MANGO ON THE MARKET TODAY

HABIT of growth robust and stocky with no tendency to grow an immense plant with little or no fruit. The fruit is not quite as large as Chinese Giant; in shape not quite so blocky. (See illustration.) In weight is much heavier than any other variety of the same size. In flavor it is the mildest we have ever known, as the flesh may be eaten raw from the hand. Growers will have no difficulty in selling all they can grow, customers preferring it to all others for making mangoes. Our seed is saved from most perfect type. Price: Pkt., 10c; $\frac{1}{2}$ Oz., 50c; Oz., \$1.00; $\frac{1}{4}$ Lb., \$3.75.

Chinese Giant—The largest and most handsome Pepper in the world, twice the size of its nearest rival. They grow to the enormous size of five to six inches across the top. The flesh is very mild and sweet and also very thick. Price: Pkt., 10c; $\frac{1}{2}$ Oz., 40c; Oz., 75c; $\frac{1}{4}$ Lb., \$2.75.

RUBY KING—One of the standard Peppers, very large and of mild flavor. Bright ruby red color. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 25c; Oz., 50c; $\frac{1}{4}$ Lb., \$1.90.

BELL OR BULL NOSE—Early and of mild flavor. A favorite for pickling. Large, bright red, thick flesh. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 25c; Oz., 50c; $\frac{1}{4}$ Lb., \$1.90.

SWEET MOUNTAIN—Larger in size and milder in flavor than Bell or Bull Nose. Very productive. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 25c; Oz., 50c; $\frac{1}{4}$ Lb., \$1.90.

Long Red Cayenne—Of dwarf growth, bearing long, pungent pods. Very productive. An ideal home variety. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 15c; Oz., 25c; $\frac{1}{4}$ Lb., 75c.

RED CHILLI—Smaller and later than Cayenne. Extensively used for pepper sauce. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 25c; Oz., 50c.

RED CHERRY—The finest of the small, round varieties. Excellent for pickles, sauce, etc. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 25c; Oz., 50c.

TABASCO—Produces an enormous number of small, slender and very hot fruit one inch in length. Vivid scarlet. Price: Pkt., 10c; $\frac{1}{2}$ Oz., 25c; Oz., 50c.

PARSLEY (Petersilie)

(By Parcel Post, See Page 2.)

One ounce will sow 100 feet of drill.

CULTURE.—Make the rows 12 to 14 inches apart. Thin to 3 or 4 inches apart, or transplant at this distance. Can be sown in hot-beds in February, or later in open ground. Late in Autumn place frames over some of the plants to lengthen out the season for cutting.

Double Curled—Very robust, free growth. Leaves are large, very dark green and beautifully curled; exceedingly large yielder. Stands heat and cold better than most varieties. Price: Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 30c; Lb., \$1.00.

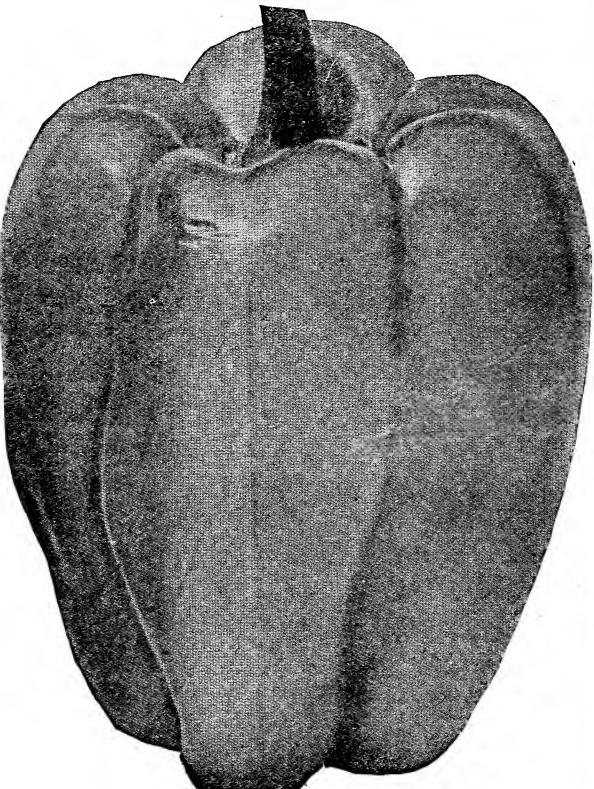
HAMBURG, OR ROOTED—A rooted variety, of which the roots are the portion used; good in flavoring soups and stews. Price: Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 30c; Lb., \$1.00.

PLAIN LEAF—Leaves are longer and darker green than the curled varieties; very hardy. Excellent for seasoning. Price: Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 30c; Lb., \$1.00.

PEPPER (Pfeffer)

One ounce will produce about 2,000 plants.

CULTURE.—Sow in hotbed in March or April; transplant in open ground when all danger from frost is over, in rows three feet apart and two feet apart in row.



Crimson King Pepper.

PEAS (Erbsen)

(Peas by Parcel Post. See Page 2.)

CULTURE.—Plant early, smooth varieties as soon as frost is out of ground; follow with the early wrinkled sorts in a week or 10 days and make successive plantings every 10 days until middle of June. Plant 2 to 3 inches deep, in rows 24 inches apart, if cultivated by hand; if by horse power rows should be 3 feet apart. Dwarf varieties require no sticks, tall varieties do better staked. Use 1 Lb. to 50 feet of drill, 2 to 3 bushels per acre.

NEW LAXTONIAN PEA

THIS new Variety we esteem highly as a very large podded Pea, very robust and vigorous, producing pods of the largest size. The pods are even larger and longer than the average large podded sorts, and are well filled with large Peas of most excellent flavor. In habit, the vines are strong and branching, bearing rich, deep-green, straight, handsome pods averaging 4½ to 5 inches in length. It is a main-crop variety, of vigorous constitution which shows itself in the strong, handsome branching plant. It is 18-in. high, requiring no brushing, and produces an abundance of the finest Peas possible, the vines being actually laden with pods. These Peas possess the admirable merit of preserving their tenderness and superb flavor long after they are young, and also retain their attractive dark green color when served. Price: Pkt., 10c; ¼ Lb., 15c; ½ Lb., 25c; 1 Lb., 40c; 5 Lbs., \$1.75; 10 Lbs., \$3.25; 15 Lbs., \$4.50.



Laxtonian.



St. L. S. Co.'s Impr. Extra Early.

EXTRA EARLY VARIETIES

St. L. S. Co.'s Improved Extra Early

—Superior to all rivals. Very prolific, bushes becoming loaded with large, smooth green peas of beautiful texture. Matures in from 40 to 45 days after germination, very uniformly. Price: Pkt., 5c; ¼ Lb., 10c; ½ Lb., 20c; 1 Lb., 35c; 5 Lbs., \$1.50; 10 Lbs., \$2.75; 15 Lbs., \$3.60; 30 Lbs., \$7.00.

ALASKA—One of the earliest smooth varieties. Pods are a dark green color, extra well filled and ripen very uniformly. Height about 2 feet. Price: Pkt., 5c; ¼ Lb., 10c; ½ Lb., 20c; 1 Lb., 35c; 5 Lbs., \$1.50; 10 Lbs., \$2.75; 15 Lbs., \$3.60; 30 Lbs., \$7.00.

FIRST OF ALL, or ECLIPSE—Pods grow large and solid and contain from one to two more Peas to a pod than any other variety. Vines average a height of about 24 to 26 inches, and produce pods in abundance. Price: Pkt., 5c; ¼ Lb., 10c; ½ Lb., 20c; 1 Lb., 35c; 5 Lbs., \$1.50; 10 Lbs., \$2.75; 15 Lbs., \$3.60; 30 Lbs., \$7.00.

SECOND EARLY AND MAIN VARIETIES

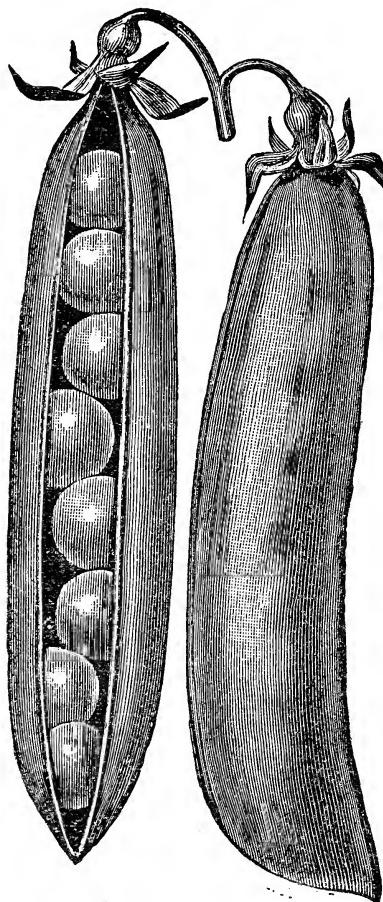
Of these, there are two distinct types of growth: namely, those of low dwarf or "bush" habit, fifteen to eighteen inches in height, which do not require support, and those making a vine or running growth ranging in height from three to five feet, and which do best if provided with brush or a suitable trellis to support the vine.

St. L. S. Co.'s Suttons Excelsior—This Variety we esteem highly. It is a main-crop variety, of vigorous constitution which shows itself in the strong, handsome branching plant. It is 18-in. high, requiring no brushing, and produces an abundance of the finest Peas possible, the vines being actually laden with pods. These are dark green, stout and heavy, containing from 7 to 9 Peas of the finest quality. Price: Pkt., 10c; ¼ Lb., 15c; ½ Lb., 25c; 1 Lb., 40c; 5 Lbs., \$1.75; 10 Lbs., \$3.00; 15 Lbs., \$4.25; 30 Lbs., \$8.00.

Gradus or Prosperity—The earliest of all the wrinkled Peas. Produces large green pods 4 to 6 inches long. The vines are two feet high, pale green in color; the pods are borne singly and freely from top to bottom of the vine, contain from six to ten Peas of luscious quality. Price: Pkt., 10c; ¼ Lb., 15c; ½ Lb., 25c; 1 Lb., 40c; 5 Lbs., \$1.75; 10 Lbs., \$3.00; 15 Lbs., \$4.25; 30 Lbs., \$8.00.

PEAS, SECOND EARLY AND MAIN VARIETIES

Continued.



Sutton Excelsior.

American Wonder—An early dwarf Pea that is a wonderful bearer. Its bushes, growing only about one foot high, are literally covered with pods of dark green texture. A good home sort. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 10c; $\frac{1}{2}$ Lb., 20c; 1 Lb., 35c; 5 Lbs., \$1.50; 10 Lbs., \$2.75; 15 Lbs., \$3.75; 30 Lbs., \$7.50.

St. L. S. Co.'s Nott's Excelsior—Our new strain of this celebrated standard variety is indeed a winner. Everybody knows the merits of this famous dwarf variety. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 10c; $\frac{1}{2}$ Lb., 20c; 1 Lb., 35c; 5 Lbs., \$1.50; 10 Lbs., \$2.75; 15 Lbs., \$3.75; 30 Lbs., \$7.50.

Telegraph—Peas very large and of dark green color; seed almost smooth. Vines tall, about four to four and one-half feet. Pods very large, about four and one-half inches long. A splendid sort for the market garden. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 10c; $\frac{1}{2}$ Lb., 20c; 1 Lb., 35c; 5 Lbs., \$1.50; 10 Lbs., \$2.75; 15 Lbs., \$3.75; 30 Lbs., \$7.50.

Telephone—A tall-growing late sort, three and a half to four feet in height, having pods of very large size, containing six or seven large peas of delicious flavor. Continues in bearing for quite a long time. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 10c; $\frac{1}{2}$ Lb., 20c; 1 Lb., 35c; 5 Lbs., \$1.50; 10 Lbs., \$2.75; 15 Lbs., \$3.75; 30 Lbs., \$7.50.

LATE VARIETIES

ST. L. S. CO.'S SECOND EARLY—This Pea is one of the finest second early. Height about three feet. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 10c; $\frac{1}{2}$ Lb., 20c; 1 Lb., 35c; 5 Lbs., \$1.50; 10 Lbs., \$2.75; 15 Lbs., \$3.75; 30 Lbs., \$7.50.

BLACK-EYED MARROWFAT—An old-time favorite. Height, five feet. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 10c; $\frac{1}{2}$ Lb., 15c; 1 Lb., 30c; 5 Lbs., \$1.40; 10 Lbs., \$2.75.

WHITE MARROWFAT—Like the Black-Eyed Marrowfat; this variety is extensively sown as a field crop. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 10c; $\frac{1}{2}$ Lb., 15c; 1 Lb., 30c; 5 Lbs., \$1.40; 10 Lbs., \$2.75.

PEAS, EDIBLE POD

EDIBLE POD TALL MELTING SUGAR—A foreign Pea, little known in this country. A wonderfully productive sort. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 15c; $\frac{1}{2}$ Lb., 25c; 1 Lb., 45c; 5 Lbs., \$2.00.

EDIBLE POD DWARF GREY SUGAR—Of a dwarf growth, a fine edible pod when young. Price: Pkt., 5c; $\frac{1}{4}$ Lb., 15c; $\frac{1}{2}$ Lb., 25c; 1 Lb., 45c; 5 Lbs., \$2.00.

PARSNIP

Culture. Work the soil very deep and pulverize the surface thoroughly.

Sow the seed in early Spring, $\frac{3}{4}$ of an inch deep, in rows 12 to 18 inches apart.

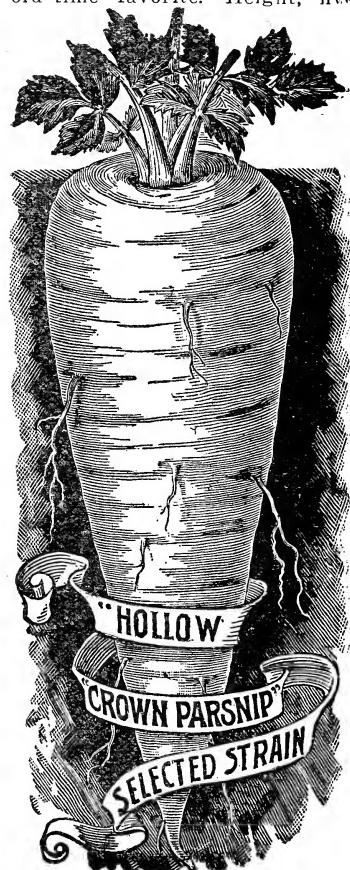
As soon as the young plants appear, cultivate and hand weed them, and when 3 inches high thin to 6 inches apart in the row.

Cultivate sufficiently to keep the soil loose throughout the season. Freezing improves the quality of Parsnips for table use, so it is customary to take up in the Fall when the ground begins to freeze what will be needed for winter use, leaving the remainder to winter over in the ground, or better still, pitting them as is often done with other roots so that access may be had to them at any time.

One oz. of seed for 200 ft. of row; 5 lbs. seed required for an acre.

Hollow Crown (Large Sugar)—The best and most widely cultivated variety. Grows long, smooth, tender and is very sugary. Price: Pkt., 5c; Oz., 25c; $\frac{1}{4}$ Lb., 75c; Lb., \$2.75.

LONG WHITE—A smooth and very tender variety, well flavored. Also called Arlington Long Smooth. Price: Pkt., 5c; Oz., 25c; $\frac{1}{4}$ Lb., 75c; Lb., \$2.75.

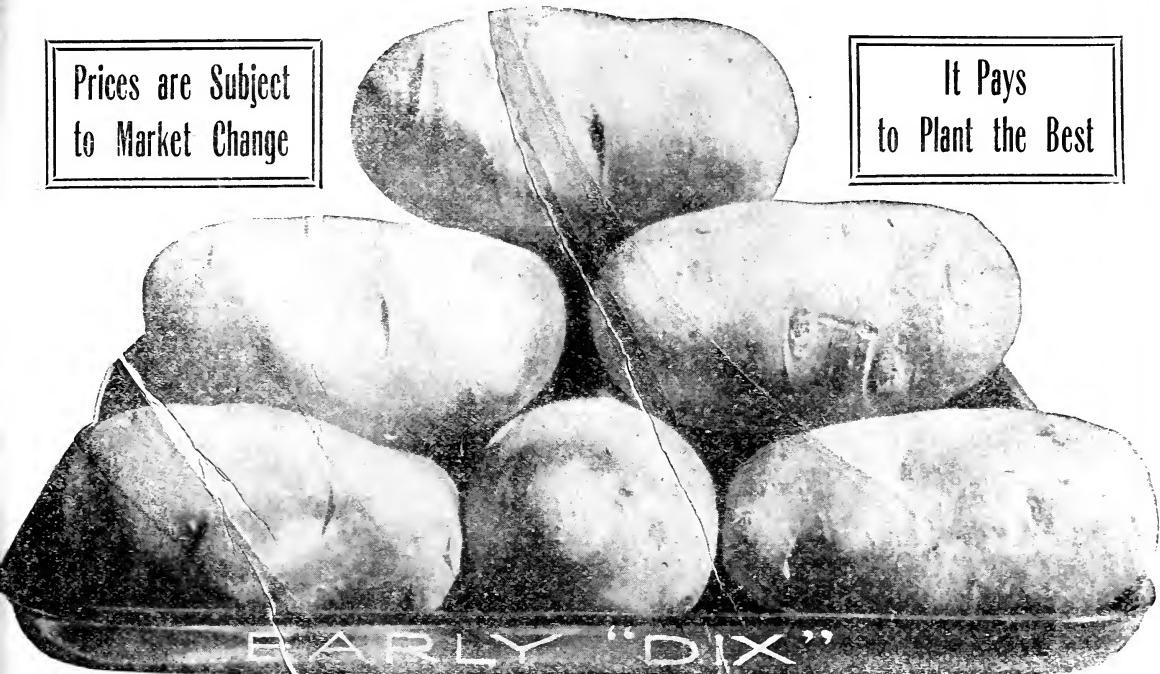


NORTHERN GROWN SEED POTATOES

PRICES ARE SUBJECT TO CHANGE ON ALL POTATOES

Prices are Subject
to Market Change

It Pays
to Plant the Best



EARLY "DIX"

CULTURE.—Any good well-drained fibrous loam will produce Potatoes under right climatic conditions. For early Potatoes, which mature in 8 to 10 weeks from planting, the soil must be particularly rich. A rich clover sod, manured and broken the year before and planted to corn, beans, peas, etc., is in best shape for giving a good yield of nice clean Potatoes. Stable manure had better be applied to the land the year before, while some good complete fertilizer, at the rate of up to 1000 pounds per acre if applied broadcast, or 400 to 600 pounds if applied mostly in the rows, may be used directly for the Potato crop. Open furrows 3 feet apart and 3 to 4 inches deep. Then plant good-sized pieces, each containing not less than 2 or 2 eyes, 15 inches apart in the furrows for early Potatoes, and 18 inches apart for late ones. In some of the large Potato sections the Potatoes are always planted in check rows 3 feet apart each way. Cover with coverer, small plow or other suitable tool. Cultivate often. Spray with Arsenate of Lead Mixture as a protection from flea beetle, potato beetle and blight. **S to 10 bushels will plant an acre.**

EARLY "DIX" POTATO

THIS Pride of the Red River Valley". We offer it to you now as "The earliest Potato Grown." We are ready to stake our reputation that you will say so, too, when you have tried it. It is of the most uniform growth ever known. It is earlier than the famous Early Ohio. It is better as a yielder, and has no yellow or black core. Its tops are of an upright growth, bush form. Its skin is of a light red-pinkish color; its eyes are very shallow, and many; its dry and mealy nature is supreme. **Price: 5 Lbs., 40c; 15 Lbs., \$1.00; 60 Lbs., \$3.50.**

IRISH COBBLER

A FINE EARLY WHITE POTATO.

THIS has become one of the general favorites in all localities for early as well as late planting. When it was first sent out it was not claimed to be particularly early, but extensive growing in this locality proves that it is fully as early as the Early Rose. The tubers are round in shape, eyes somewhat deep, and tubers of both fine appearance and quality. **Price: 5 Lbs., 40c; 15 Lbs., \$1.00; 60 Lbs., \$3.50.**

EARLY OHIO

NORTHERN-GROWN in the Red River Valley. Much need not be said of this great potato. Among the standard early varieties it undoubtedly stands at the head of the list. An excellent keeper for such an early variety. **Price: 5 Lbs., 40c; 15 Lbs., 90c; 60 Lbs., \$3.00.**

BLISS' RED TRIUMPH

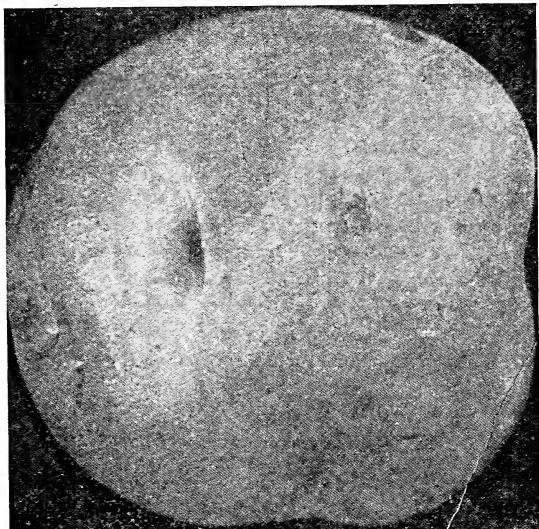
EXTRREMELY prolific and a full week advance of Early Rose. Color, a beautiful light red. Size, medium. Growth, very uniform. Shape, nearly round. The flesh is white; very mealy when cooked. This potato is in exceedingly high favor with Southern market gardeners and truckers, and is shipped to the Northern markets. **Price: 5 Lbs., 40c; 15 Lbs., \$1.00; 60 Lbs., \$3.50.**

EARLY ROSE

NO INTRODUCTION is necessary for this standard productive variety. For earliness, goodness of quality and a No. 1 market sort, it stands in the top rank. **Price: 5 Lbs., 40c; 15 Lbs., 90c; 60 Lbs., \$3.00.**

SEED POTATOES—Continued

BIG BUSTER



Carman Potato.

SEED SWEET POTATOES

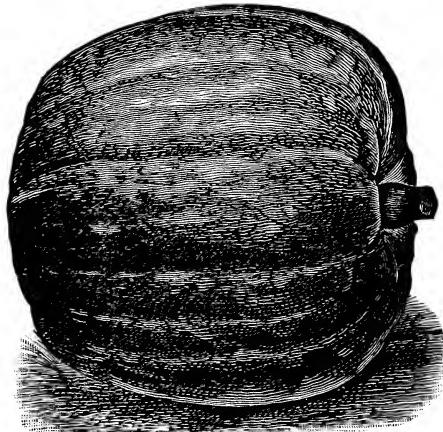
WHITE SOUTHERN QUEEN—These are the large "Yams," the famous Sweet Potatoes that are so popular in the South. Price: Pkt., 75c; $\frac{1}{2}$ Bu., \$1.35; Bu., \$2.50.

EARLY YELLOW NANSEMOND—This potato is like the above, but averaging longer and not so chunky; very sweet, and an ideal home or market sort. Price: Pkt., 75c; $\frac{1}{2}$ Bu., \$1.35; Bu., \$2.50.

EARLY RED NANSEMOND—Similar to our Yellow Nansemond, only being of a red color, which many people prefer in preference to the yellow; very productive. Price: Pkt., 75c; $\frac{1}{2}$ Bu., \$1.35; Bu., \$2.50.

RED BERMUDA—One of the most popular varieties in existence, being of a very large and solid nature, yielding heavier than any other sort. Price: Pkt., \$1.00; $\frac{1}{2}$ Bu., \$1.60; Bu., \$3.00.

SWEET POTATO PLANTS—Ready May 15th—See Page 39. Any of the varieties listed on this page—Price: 100, 50c; 1000, \$4.50.



MAMMOTH KING or POTIRON—The best large pumpkin in use. Forms immense globular shape flattened a little at the end. Skin reddish yellow in color and flesh rich orange. This is unquestionably the very best mammoth pumpkin we have. It runs very uniform in shape and color and all are of immense size. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 35c; Lb., \$1.25.

LARGE CHEESE—Shape flat; skin mottled light green and yellow, changing to a rich cream color. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 25c; Lb., 60c.

Kentucky Field—A large, round, slightly ribbed, soft shell, salmon-colored Pumpkin that is very productive and excellent for stock. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 25c; Lb., 60c.

SMALL SUGAR—Best for home use. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 25c; Lb., 75c.

JAPANESE PIE—Similar in size and form to the well-known Cusheaw, but the skin is a deep green, with dark stripes, turning to a rich golden yellow. Flesh deep yellow of fine quality. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 30c; Lb., \$1.00.

TENNESSEE SWEET POTATO—A good variety for making pies and other cooking purposes. It is of medium size, of a white, creamy color, and has an excellent flavor; good keeper. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 25c; Lb., 75c.

THE finest late potato in existence. Its make-up is of the most handsome type and as a main crop it will prove itself supreme. It is of large size, white skin, eyes shallow, very white inside, dry and mealy. Its yielding qualities are far ahead of any on the market today. Why people will plant old, worn-out varieties, when they can get such new ones as these, is a mystery to us. We have only a limited supply this season. Price: 5 Lbs., 40c; 15 Lbs., \$1.00; 60 Lbs., \$3.50.

RURAL NEW YORKER

THE standard white market potato. It is very large, usually smooth, oblong inclining to round, and rather flattened. Skin and flesh white; quality excellent; season intermediate. Tubers of great uniformity in size; almost every one marketable. Known everywhere as "Dusty" Rural. Price: 5 Lbs., 40c; 15 Lbs., 90c; 60 Lbs., \$3.00.

CARMAN

ONE of the most popular of the Carman group of potatoes. A white, flat variety, which sets its tubers very close to the top of the soil, thus giving good yields in clay soil where other varieties fail. This characteristic applies also to Rural New Yorker. Carman No. 3 grows to the largest size of these sorts. Our seed has been very carefully selected and given the best soil for a number of years. Price: 5 Lbs., 40c; 15 Lbs., 90c; 60 Lbs., \$3.00.



In our new Concaved and Curved Seed Potato Knife we not only offer you a knife that is good for planting season, but as a household article for peeling apples, potatoes, etc. Price: Each, 25c.

PUMPKINS One ounce will plant 50 hills.

(By Parcel Post, See Page 2.)

CULTURE.—Plant in April or May, among corn, or in the garden, in hills 8 to 10 feet apart, and otherwise treat in the same manner as melons.

MAMMOTH KING or POTIRON—The best large pumpkin in use. Forms immense globular shape flattened a little at the end. Skin reddish yellow in color and flesh rich orange. This is unquestionably the very best mammoth pumpkin we have. It runs very uniform in shape and color and all are of immense size. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 35c; Lb., \$1.25.

LARGE CHEESE—Shape flat; skin mottled light green and yellow, changing to a rich cream color. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 25c; Lb., 60c.

Kentucky Field—A large, round, slightly ribbed, soft shell, salmon-colored Pumpkin that is very productive and excellent for stock. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 25c; Lb., 60c.

SMALL SUGAR—Best for home use. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 25c; Lb., 75c.

JAPANESE PIE—Similar in size and form to the well-known Cusheaw, but the skin is a deep green, with dark stripes, turning to a rich golden yellow. Flesh deep yellow of fine quality. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 30c; Lb., \$1.00.

TENNESSEE SWEET POTATO—A good variety for making pies and other cooking purposes. It is of medium size, of a white, creamy color, and has an excellent flavor; good keeper. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 25c; Lb., 75c.

SPINACH (Spinat)

(By Parcel Post, See Page 2.)

One ounce will sow 50 feet of drill. Twenty to twenty-five pounds will sow an acre.

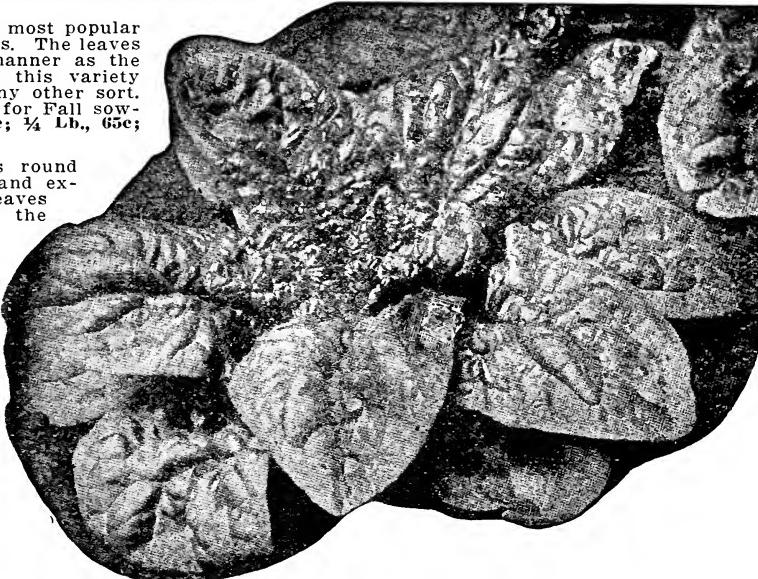
CULTURE.—Spinach may be sown on any ordinary soil, and its cultivation is a very simple matter. It is grown both as a Spring and Summer crop.

BLOOMSDALE or SAVOY—The most popular variety with market gardeners. The leaves are wrinkled in the same manner as the Savoy Cabbage. A crop of this variety weighs much heavier than any other sort. It grows very quickly. Fine for Fall sowing. Price: Pkt., 5c; Oz., 20c; $\frac{1}{4}$ Lb., 65c; Lb., \$2.25.

ROUND THICK LEAF—Leaves round and almost smooth. Will stand extreme cold weather, as the leaves are thick and lie close to the ground. Price: Pkt., 5c; Oz., 20c; $\frac{1}{4}$ Lb., 65c; Lb., \$2.00.

PRICKLY WINTER—A very hardy variety and will withstand severe weather better than any other sort. It is used largely for fall sowing. Price: Pkt., 5c; Oz., 20c; $\frac{1}{4}$ Lb., 65c; Lb., \$2.00.

NEW ZEALAND—Makes a luxuriant growth all summer. In appearance entirely distinct from other Spinach. Its quality is very desirable and tender. Soak the seed in warm water before planting. Price: Pkt., 5c; Oz., 20c; $\frac{1}{4}$ Lb., 65c; Lb., \$2.25.

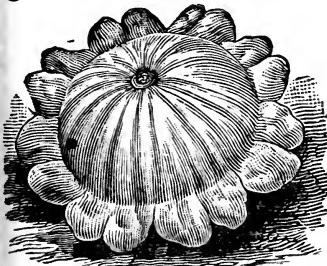


SQUASH (Speise Kuerbisz)

(By Parcel Post, See Page 2.)

One ounce of the small seeded varieties will plant 20 hills; 2 to 3 pounds an acre.

CULTURE.—Do not plant until settled weather, as plants are very tender. Use same methods as for Cucumbers and Melons.



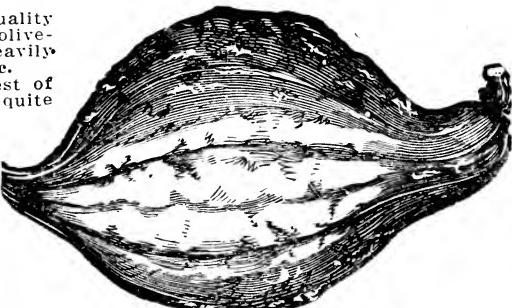
Mammoth White Scallop Bush.

WARTED HUBBARD—This is similar in size and quality to the well-known Hubbard, while the large, dark, olive-green fruits are supposed to be slightly more heavily warted. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 20c; Lb., 75c.

VEGETABLE or ITALIAN MARROW—The very earliest of all the Squashes. Although usually eaten when quite small still it is good for the table when nearly full grown. The color is dark green at first, but changes to a lighter green as it matures. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 30c; Lb., \$1.00.

IMPROVED STRIPED CUSHAW—It is of a beautiful variegated coloring, producing stripes of a mottled effect. Very prolific and of medium size; an ideal baking variety. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 30c; Lb., \$1.00.

DELICIOUS—A very early winter variety of medium size. It varies somewhat in color and form, usually oval shaped with green, smooth skin, sometimes slightly mottled. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 30c; Lb., \$1.00.

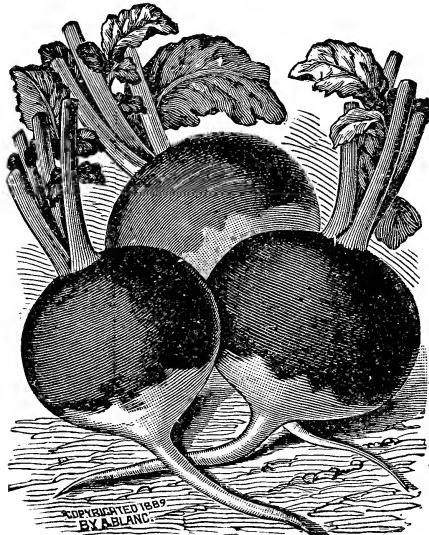


Hubbard Squash.

RADISH

(By Parcel Post, See Page 2.)

CULTURE.—Sow seed as early in Spring as ground can be well cultivated, in drills, 10 to 12 inches apart; thin out to 1 inch apart for small, 2 to 4 inches for large varieties. Soil should be rich, light and well pulverized. Continue sowing every week or ten days for continuous crop. Quick growth insures good quality; they mature in from 18 days to 4 or 5 weeks, according to variety. One ounce to 100 feet of drill, 10 to 12 pounds per acre.

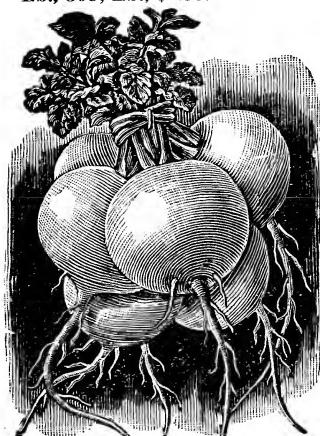
**Early Scarlet Turnip White Tip.**

ST. L. S. CO'S CRIMSON GIANT—The quickest growing small round Radish in existence; ready for the table in 22 days from sowing. Price: Pkt., 5c; Oz., 20c; $\frac{1}{4}$ Lb., 60c; Lb., \$2.25.

PHILADELPHIA WHITE BOX—This famous white turnip-shaped or globe-shaped Radish is the foremost of its class. Price: Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 50c; Lb., \$1.90.

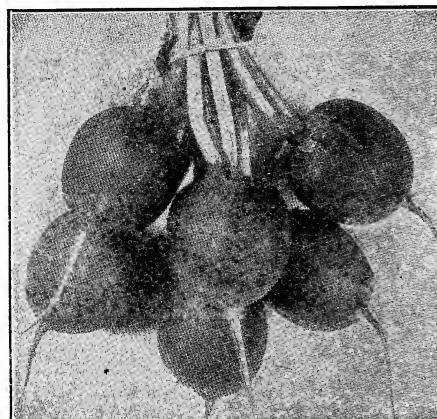
Early Scarlet Globe—It is entirely distinct and one of the earliest. In flavor it is mild, crisp to juicy and tender. It forms a small top and will stand a great amount of heat without becoming pithy. Price: Pkt., 5c; Oz., 20c; $\frac{1}{4}$ Lb., 60c; Lb., \$2.25.

FRENCH BREAKFAST—Too well known to need any introduction. Scarlet with white tips. Price: Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 50c; Lb., \$1.90.

**Philadelphia White Box.**

Seeds by Parcel Post

We pay Postage on Packets, Oz., $\frac{1}{4}$ Lb., in U. S., for pounds, see Parcel Post rate, Page 2.

**Fireball.**

New White Pearl Forcing Radish—It is a most beautiful pearly white, of waxy appearance; very firm and solid. When properly grown in greenhouse or hotbed, this Radish has a smaller top than when grown in the open field. All things considered, we pronounce it the best general purpose white market Radish in existence; splendid for the home garden. Price: Pkt., 5c; Oz., 20c; $\frac{1}{4}$ Lb., 60c; Lb., \$2.25.

ST. LOUIS WHITE SUMMER TURNIP—It is not only the favorite white summer Radish in St. Louis and vicinity, but it is popular on the market everywhere. Skin and flesh pure, clear white, tender. Price: Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 50c; Lb., \$1.90.

ICICLE—Extra early, smooth, long, white. Derives its name from the transparent whiteness of its roots. Price: Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 50c; Lb., \$1.90.

RADISH—Continued

(By Parcel Post, See Page 2.)

Long White Strassburg—Oblong shaped, tapering graceful-
ly to a point. Of large size, good
quality and resists heat remarkably well. Very tender, and of a
delightful, pungent taste. Price: Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 60c;
Lb., \$2.00.

WHITE LADY FINGER (Long Vienna)—Of slender, graceful form
and remarkably crisp, brittle and tender. Price: Pkt., 5c; Oz., 15c;
 $\frac{1}{4}$ Lb., 50c; Lb., \$1.90.

Wood's Early Frame—In shape half long; much used for
forcing. Price: Pkt., 5c; Oz., 15c;
 $\frac{1}{4}$ Lb., 50c; Lb., \$1.90.

CINCINNATI MARKET—This is an excellent Radish of the long variety,
being of a beautiful brilliant scarlet color. It has an unusually
small top. Price: Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 50c; Lb., \$1.90.

YELLOW SUMMER TURNIP—Stands the heat well; and can be sown
late. A general favorite with market gardeners; globe-shaped.
Price: Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 60c; Lb., \$2.00.

YELLOW OVAL SHAPED—A fine summer turnip-shaped variety; yellow
in color, but white meat and tender. Price: Pkt., 5c; Oz., 15c;
 $\frac{1}{4}$ Lb., 60c; Lb., \$2.00.

FALL AND WINTER VARIETIES

Round Black Spanish—Grows to a large size; very solid.
Price: Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 50c;

Lb., \$1.90.

LONG BLACK SPANISH—One of the best for winter use. Price:
Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 50c; Lb., \$1.90.



WHITE SPANISH—Very solid
and tender. The best white Radish for late Fall Planting;
largely used by our market
gardeners. Price: Pkt., 5c; Oz.,
15c; $\frac{1}{4}$ Lb., 50c; Lb., \$1.90.

ROUND SCARLET CHINA—Root
round, of a fine scarlet color.
Extremely solid and a most
excellent keeping variety.
Price: Pkt., 5c; Oz., 20c; $\frac{1}{4}$ Lb.,
60c; Lb., \$2.00.



Long White Strassburg.

RHUBARB (Rharbarber)

CULTURE.—This plant is mostly propagated by division of the roots.
The best time to set out the plants is early in the Spring, although
it is sometimes done in Autumn.

Early Linnaeus—The earliest and tenderest variety, fine for
sauce, pies, etc. Grown largely by gardeners for early market. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 10c; Oz., 15c; $\frac{1}{4}$ Lb.,
40c; Lb., \$1.50.

MYATT'S VICTORIA—Later than Linnaeus, but mammoth in size;
also of a finer quality. Very juicy, tender and almost stringless.
Price: Pkt., 5c; $\frac{1}{2}$ Oz., 10c; Oz., 15c; $\frac{1}{4}$ Lb., 40c; Lb., \$1.50.

RHUBARB ROOTS—Strong roots. Two years old. Price: Ench., 15c;
Doz., 1.50; 50, \$5.00; 100, \$9.00.

TOBACCO

DARK PLUG WRAPPER—BIG ORONOKA—A favorite Virginia variety.
Grows very large, broad leaves. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 15c; Oz., 25c; $\frac{1}{4}$
Lb., 75c.

MISSOURI BROAD LEAF—A well-known standard sort; very large yielder,
an ideal sort for home use. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 15c; Oz., 25c; $\frac{1}{4}$ Lb., 75c.

WHITE BURLEY—The standard main crop variety which produces one of
the most fashionable types for manufacturing and cutting. Price: Pkt., 5c;
 $\frac{1}{2}$ Oz., 15c; Oz., 25c; $\frac{1}{4}$ Lb., 75c.

HAVANA—The leading smoking variety. Commands a high price for cigar
stock. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 15c; Oz., 30c; $\frac{1}{4}$ Lb., 90c.



Mo. Broad Leaf.

TOMATO

One ounce will produce
about 1,000 plants.

CULTURE.—The seed should be sown in a hotbed about the first week in March, in drills 5 inches apart and half an inch deep. When the plants are about 2 inches high, they should be transplanted into another hotbed and planted 4 inches apart, or planted in 4-inch pots, allowing a single plant to a pot. About the 15th of May the plants may be set out in the open ground 3 feet apart. Water freely at the time of transplanting. Sufficient plants for a small garden may be started by sowing a few seeds in a shallow box or flower-pot, and placing it in a sunny window of the room or kitchen. The fruit is greatly improved in quality if the vines are tied to a trellis or to stakes.



ST. L. S. CO. IMPROVED EXCELSIOR

OUR new strain of this famous Tomato is superb. It is of a dark, glossy purplish red, very large and also very solid. The plants make a strong growth, are hardy and bear plentifully. The fruit is produced in clusters of four to six, is large, of perfect shape, and retains its size until late in the season. It ripens early, has firm flesh of excellent quality, and the seed cells are very small. We have a carefully selected stock of this favorite variety. For a main crop this sort cannot be surpassed. It is one of the very best for canning. For shipping and early market it is excellent. We know of no variety that will give better satisfaction for all general purposes. Price: Pkt., 10c; $\frac{1}{2}$ Oz., 15c; Oz., 25c; $\frac{1}{4}$ Lb., 90c; Lb., \$3.50. Postpaid.

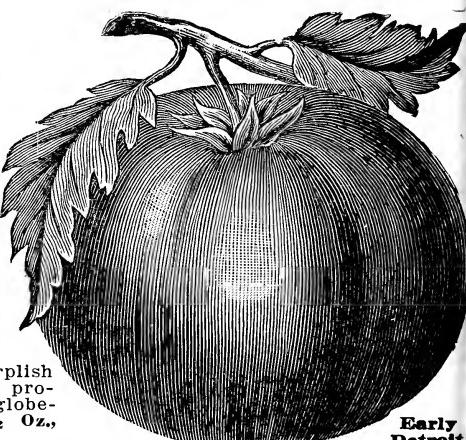
EARLY SORTS

BONNY BEST—This variety is a favorite for forcing; just the size wanted (round); color rich scarlet red, very smooth, fruit set in bunches and in great abundance. Everything is in its favor for a forcing Tomato. Price: Pkt., 10c; $\frac{1}{2}$ Oz., 25c; Oz., 50c.

EARLIANA (The Earliest Red Tomato)—The plants are of compact growth, with short, close-jointed branches, setting the fruit very freely in the center. The Tomato is of uniform size, averaging 3 inches in diameter, and from 2 to $2\frac{1}{2}$ inches in depth; solid, with few seeds, making a splendid variety for shipping. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 15c; Oz., 25c; $\frac{1}{4}$ Lb., 75c.

JUNE PINK—The earliest pink Tomato, similar to Earliana except that the color is pink instead of red. The fruits are of fair size and ripen evenly, practically permitting the entire crop to be harvested at one time. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 15c; Oz., 25c; $\frac{1}{4}$ Lb., 75c.

Early Detroit—The largest and best of the early purplish pink tomatoes. Vine vigorous and very productive. Fruits very smooth, uniform in size, nearly globe-shaped, firm, and excellent quality. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 15c; Oz., 25c; $\frac{1}{4}$ Lb., 90c; Lb., \$3.50.



Early Detroit

TOMATO—Continued

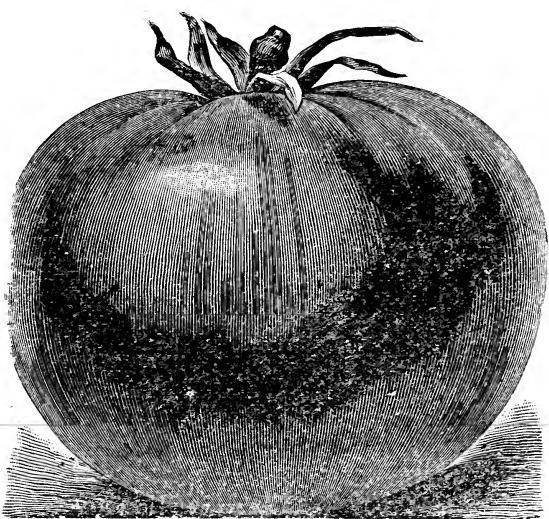
SECOND EARLY, OR MAIN CROP SORTS

LIVINGSTON'S BEAUTY—This standard Tomato is well known. Grows in large clusters and retains its large size late in the season. Color, "purple." Price: Pkt., 5c; $\frac{1}{2}$ Oz., 10c; Oz., 20c; $\frac{1}{4}$ Lb., 75c; Lb., \$2.50.

Livingston Globe—Its form is of a globular shape, hence its name. Very solid, of a purple color, very deep from stem to blossom end. Very early; a good market sort; fine for packing in small baskets for market. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 15c; Oz., 30c; $\frac{1}{4}$ Lb., \$1.00.

DWARF CHAMPION—This famous Tomato is a favorite home garden variety. Its stiff, upright stocks are so sturdy as to hold the fruit well above the soil. It is earlier than large sorts. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 15c; Oz., 25c; $\frac{1}{4}$ Lb., 90c; Lb., \$3.50.

Ponderosa—It is in every way splendid. It excels in magnificent size, solid and meaty as beef-steak, and almost seedless. It ripens thoroughly, its glowing crimson color permeating the flesh to the heart. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 15c; Oz., 30c; $\frac{1}{4}$ Lb., \$1.00.



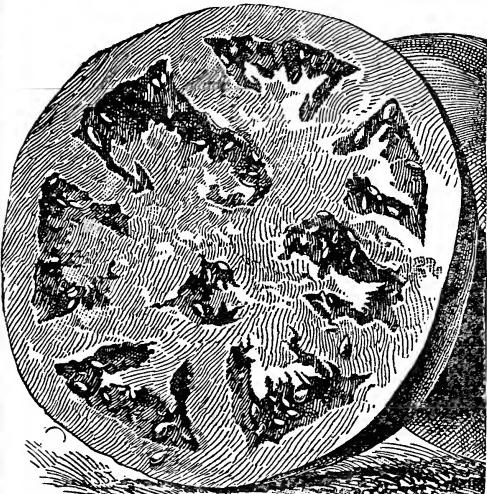
Livingston Globe.

Stone—This celebrated Tomato is without exception the standard leading variety for canning, also for home use. The fruit is of large size, perfectly smooth, and of best quality. Color, bright red. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 10c; Oz., 20c; $\frac{1}{4}$ Lb., 60c; Lb., \$2.00.

MAGNUS—Flesh is very firm. It is a robust grower, setting its clusters closer together than other varieties. The fruits are usually very deep from stem to the blossom end. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 10c; Oz., 20c; $\frac{1}{4}$ Lb., 75c.

Mammoth Large Red—This famous variety is enormous both in size and yield, it being one of the largest smooth, round, red Tomatoes. Clear, bright red color. Flesh is thick and heavy. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 15c; Oz., 30c; $\frac{1}{4}$ Lb., \$1.00.

BUCKEYE STATE—A beautiful, large, smooth, round variety. It is an immense cropper, bearing its fruit in large clusters, often six to eight in a single cluster. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 15c; Oz., 25c; $\frac{1}{4}$ Lb., 75c.



SMALL FRUITED TOMATOES

GOLDEN BALL—A beautiful large, round, yellow sort. Very fine flavored. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 15c; Oz., 25c.

HUSK, OR GROUND CHERRY—A favorite canning or preserving variety. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 15c; Oz., 25c.

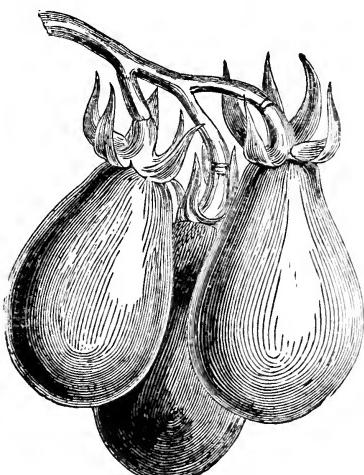
PEACH—Size, shape and color of a peach. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 15c; Oz., 25c.

YELLOW PEAR—Excellent for "putting up." Price: Pkt., 5c; $\frac{1}{2}$ Oz., 15c; Oz., 25c; $\frac{1}{4}$ Lb., 75c.

YELLOW PLUM—Popular small yellow for preserving. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 15c; Oz., 25c.

RED CHERRY—Fruits small, about five-eighths of an inch in diameter, perfectly round and smooth. Fine for pickles and preserves. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 15c; Oz., 25c.

RED PEAR—Used for preserves and to make "Tomato Figs." Fruits bright red, distinctly pear shaped and of excellent flavor. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 15c; Oz., 25c.

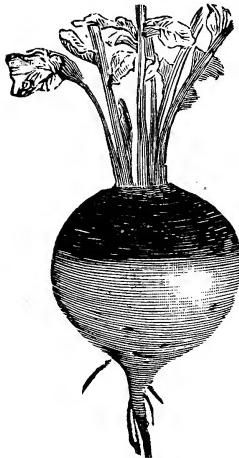


TURNIP

One ounce will sow 200 feet of drill, one to two pounds for an acre.

CULTURE.—For early, sow seed of flat varieties in open ground in spring, in drills one foot or more apart, using seed sparingly, thin to 3 or 4 inches apart. For succession sow every two weeks until June. For fall and winter sow in July and August. A good crop may often be grown by scattering seed thinly in the corn field at last cultivation.

EXTRA EARLY PURPLE TOP MILAN—Fully a week earlier than any variety. Flat and smooth; of medium size. Pure white flesh of choice quality. A good keeper. Fine table variety to grow either in Spring or Fall. Price: Crop failed.



Purple Top White
Globe.

Purple Top White Globe—This famous purple top turnip is very desirable for home gardens, and a favorite with market gardeners on account of its shape, size and beauty. Flesh pure white, with a red or purple top. Price: Pkt., 5c; Oz., 20c; $\frac{1}{4}$ Lb., 75c; Lb., \$2.25.

Purple Top Flat Strap Leaf—The standard variety. Pure white, except the purple outer skin above ground. Price: Pkt., 5c; Oz., 20c; $\frac{1}{4}$ Lb., 75c; Lb., \$2.25.

WHITE GLOBE—The king of all mammoth white Turnips. Immense white, globe-shaped roots. Considering the size, it matures early. A very good autumn variety. Price: Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 60c; Lb., \$2.00.

YELLOW OR AMBER GLOBE—Is the staple yellow Turnip, both for table and for feeding stock. Heavy cropper and keeps well. Flesh firm and sweet. Price: Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 60c; Lb., \$2.00.

WHITE EGG—A very quick growing Fall Turnip. Should be sown in August. Oval or egg shaped, flesh very firm and fine grained, flavor mild and sweet. A fine cooking variety. Price: Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 60c; Lb., \$2.00.

SEVEN TOP—Grown only for the tops, which are used for greens or salad in the South. Price: Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 60c; Lb., \$2.00.



RUTABAGA

AMERICAN YELLOW PURPLE TOP—The most satisfactory variety of Rutabaga to grow for either family use or stock feeding. Is very hardy and productive. Flesh, yellow, solid and sweet. Price: Pkt., 5c; Oz., 20c; $\frac{1}{4}$ Lb., 75c.

HERBS

SWEET, MEDICINAL AND POT HERBS

CULTURE.—For early use sow seed in hotbed in March, or open ground in May, in rows one foot apart. Cover very lightly and thin out when large enough to six or eight inches in row. They should be cut on a dry day, before they come into full blossom. Tie in bunches and keep where they will dry quickly.

The varieties marked an asterisk (*) are hardy perennials. To preserve herbs properly, cut the stems and leaves just as the plant is coming into bloom, dry them in the shade, and when perfectly dry wrap them up in paper or store them away in a dry room, or rub the leaves to a powder, pack in bottles and cork tightly, and store them away, which will preserve them for any period.

ANISE—Seeds aromatic and carminative. Price: Pkt., 5c; Oz., 15c.

BALM—For balm tea or balm wine. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 10c; Oz., 20c.

BASIL SWEET—For highly seasoned dishes, soups, etc. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 10c; Oz., 20c.

BENE—Leaves good for diarrhoea; seeds and oil for the skin. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 10c; Oz., 15c.

BORAGE—Used as a salad. Price: Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 50c; Lb., \$1.75.

***CATNIP, or CATMINT**—Leaves for seasoning. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 15c; Oz., 30c.

***CARAWAY**—For flavoring bread. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 30c.

CHERVIL, CURLED—Largely used in soup. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 30c.

CORIANDER—For flavoring cakes, etc. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 10c; Oz., 15c.

DILL—For flavoring pickles and as a condiment. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 40c; Lb., \$1.50.

***FENNEL**—Sweet—Used in sauce. Price: Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 50c.

***HOARHOUND**—For cough remedies. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 15c; Oz., 25c.

***LAVENDER**—Leaves for seasoning, dried flowers for perfuming. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 15c; Oz., 25c.

MARJORAM—Sweet—Used like sage and thyme in seasoning. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 15c; Oz., 30c; $\frac{1}{4}$ Lb., \$1.00.

***ROSEMARY**—Hardy, aromatic, evergreen shrub. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 25c; Oz., 45c.

***SAGE**—Common—Price: Pkt., 5c; Oz., 20c; $\frac{1}{4}$ Lb., 60c.

SAFFRON—Used in medicine, also in dyeing. Price: Pkt., 5c; Oz., 15c.

***SAVORY**—Summer—Thyme-like flavor. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 10c; Oz., 20c; $\frac{1}{4}$ Lb., 65c.

***SORREL**—Broad-Leaved—For boiling "greens" or salad. Cook like spinach, or with it, one-third Sorrel. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 10c; Oz., 15c; $\frac{1}{4}$ Lb., 50c.

***THYME**—Sweet—For seasoning soups, etc., also tea for nervous people. Price: Pkt., 10c; $\frac{1}{2}$ Oz., 35c; Oz., 65c.

TARRAGON—(Estragon)—For flavoring. The young leaves are used for pickles, vinegar, etc. Price: Pkt., 10c.

***WOODRUFF**—Fragrant leaves and stems; used for putting among clothes, in Germany, to flavor the "Maitrank." Price: Pkt., 5c; $\frac{1}{2}$ Oz., 25c; Oz., 50c.

***WORMWOOD**—Used medicinally and in liquors; a good tonic for poultry. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 15c; Oz., 25c.

VEGETABLE PLANTS

Plants sent by express, purchaser paying transit.

ASPARAGUS ROOTS

CULTURE.—The demand for Asparagus as an early spring vegetable is becoming quite popular. An Asparagus bed intended for family use can be quickly established by the planting of roots which should be set out in the spring in rich soil. Dig a trench about 2 feet deep and 1½ feet wide, and fill in to about one foot from the surface with well-rotted manure. On this put about six inches of good garden soil and lay the roots 18 inches apart, then fill up, leaving the crown about 4 inches below the surface. Asparagus should not be cut until the second year.

Extra-choice Two-Year Roots

	Doz.	50	100	1000
Columbian Mammoth	\$0.15	\$0.50	\$0.75	\$6.50
Palmetto .....	.15	.50	.75	6.50

(By Parcel Post, add 5c Doz. Postage.)

RHUBARB ROOTS

WHEN only a few plants are required, we would suggest the purchase of roots instead of seed. From our medium size or large clumps, Rhubarb stalks can be cut the following season. The growth of the plant is very rapid from these clumps. Transplant roots in Fall, or Spring, in highly manured soil, setting them 4 to 6 feet apart each way. Do not pull stalks until second year after transplanting roots. Each Doz. 50 100
2-year-old, \$0.15 \$1.50 \$5.00 \$9.00

(By Parcel Post, add 5c Each.)

Cabbage Plants

Plants should be set about 2½ to 3 ft. apart each way.

April and May delivery.

(By Parcel Post, add 10c per 100 for Postage.)

	25	50	100	1000
Wakefield	\$0.20	\$0.35	\$0.60	\$4.50
Copenhagen Mkt. ....	.20	.35	.60	
All Season .....	.20	.35	.60	4.50
St. L. Late Market .....	.20	.35	.60	4.50

Cauliflower Plants

Plants should be set 2½ to 3 ft. apart each way.

Doz. 4 Doz. 8 Doz.

Cauliflower, Ea. Dwarf Erfurt.... \$0.15 \$0.50 \$1.00

Ea. Snowball15 .50 1.00

Chives

—For flavoring. Per bunch 20c., per

doz., \$2.00.

(By Parcel Post, add 5c per Clump.)

Celery

—Transplanted Plants ready in July.

(By Parcel Post, add 15c per 100.)

White Plume 100 1000

Golden Self-Blanching \$0.50 \$4.50

Egg Plant, Imp. Oval

Spineless Doz. 4 Doz.

Ready May and June.

(By Parcel Post, add 15c per 100 for Postage.)

25 50 100

Kohlrabi \$0.20 \$0.35 \$0.60

(By Parcel Post, add 10c per 100.)

STRAWBERRY PLANTS

(By Parcel Post, add 10c per 100 Postage.)

SUMMER VARIETIES

Plants ready April the 20th.

STRAWBERRIES—Will succeed in any soil adapted to ordinary farm garden crops; soil should be thoroughly prepared to a good depth, well drained and enriched. In field culture set the rows three feet apart, fifteen to eighteen inches in rows. For garden fifteen inches apart each way.

WARFIELD (Early)—Plant a vigorous grower, tough and hardy, and very productive. Fruit large, conical. Color dark glossy red; excellent flavor.

BUBACH (Medium)—Of large and uniform size, fine form and color, great vigor of plant and productive.

AROMA—Fruit very large, roundish, conical, rarely misshapen, glossy red, of excellent quality. One of the very best varieties.

Price of above 25 for 15c; 100 for 50c; 1000 for \$4.50.



HORSERADISH SETS

HORSERADISH ROOTS—The soil should be very rich and well cultivated. Price: 25 for 20c; 100 for 60c; 1000 for \$4.50. By Parcel Post add 10c per 100 Postage.

	25	50	100	1000
	\$0.20	\$0.35	\$0.60	\$4.50

(By Parcel Post, add 10c per 100.)

Lettuce

Tomato Plants—We make a specialty of growing Tomato plants, and can furnish the following varieties after May 10 in fine, strong, stocky plants.
(By Parcel Post, add 5c per Doz. for Postage.)

	Doz.	Doz.	Doz.
Tomatoes—Ponderosa	\$0.15	\$0.60	\$1.10
Improved Excelsior .....	.15	.60	1.10
Dwarf Champion .....	.15	.60	1.10
Stone .....	.15	.60	1.10
Beauty .....	.15	.60	1.10

Pepper

—Ready for May and June.
(By Parcel Post, add 5c Doz. Postage.)

	Doz.	Doz.	Doz.
Pepper, Bell or Bull Nose	\$0.15	\$0.60	\$1.10
Chinese Giant .....	.15	.60	1.10
Red Cayenne .....	.15	.60	1.10

PEPPERMINT—Clump, 10c.

(By Parcel Post, add 5c per Clump.)

Sweet Potatoes, Red, yellow and white, not less than Ready May and June.

(By Parcel Post, add 15c per 100.)

EVERBEARING OR FALL VARIETIES

Plants ready April and May, August and September.

YOU can have strawberries just as easily in the fall as in the spring by planting the Americus, known as the fall-bearing varieties. They will produce heavy crops in the fall of as fine berries as any spring ripening strawberries.

AMERICUS—This is the most wonderful everbearing strawberry ever produced. A healthy and strong grower; very productive, from June until freezing weather; very drouth resistant; a better berry for a hot dry climate than any other variety. Size medium to large, very firm, uniform shape, bright red outside and inside. Has the native wild strawberry flavor. Succeeds well anywhere. Price: Doz., 25c; 100 for \$1.50.

FARM and FIELD SEEDS

MOSt important to all who depend for their living on the products of the soil is selected seed, that not only will germinate, but is reliable. That is the kind we sell. Every seedtime the sales in this department show a large increase over the previous year. We number among our patrons some of the most well-to-do farmers in the country, several of whom annually entrust to us their entire orders for the seed grain as well as for the grass and clover seeds required for their acres. We have built up a large trade in improvd varieties of farm seeds. If kind you wish to sow is not listed here, write us.

There's a reason for the confidence our customers have in the seed we supply—**Quality**. When this business was established, **Quality** was taken as the watchword. We furnish the **best** that can be had anywhere. Pedigreed seed comes higher than ordinary, but the value to the planter of high-grade stocks is vastly greater. Our seed grain is grown and specially prepared for planting purposes. It is carefully selected by experienced seedsmen, thoroughly cleaned, and handled only by careful employees, as a safeguard against errors in filling.

Bu.
56 Lbs.

ST. LOUIS SEED CO.'S SELECTED SEED CORN CORN IS KING

Bu.
56 Lbs.

Extra charge for Bags; 15 Lbs., 15c; 28 Lbs. (½ Bu.), 20c; 56 Lbs. (1 Bu.), 45c.

CORN is the most important crop with the majority of farmers who will read this catalog; consequently, we are devoting considerable space to the description of the different varieties we have to offer, but are listing only those that we consider to be the very best of their type. Our stocks are the product of carefully selected seedstock and of crops that have received every care necessary to the production of a grade of corn that can be recommended as strictly seedstock. We consider that we are listing these at very reasonable prices considering the high standard of quality which we know they represent.

REMEMBER—In Counting the Cost of Seed Corn—One bushel of corn will plant seven to eight acres! The cost per acre for our pure bred varieties is but 25 to 40 cents per acre! Only one bushel per acre increased yield more than pays all cost of seed. The commonest mongrel scrub corn costs you something. The corn we grow and sell you is not only selected seed, but is pure bred and has been carefully handled, dried and cured as seed corn should be, and will grow and give you a yield of 10 to 40 bushels per acre more than ordinary varieties.

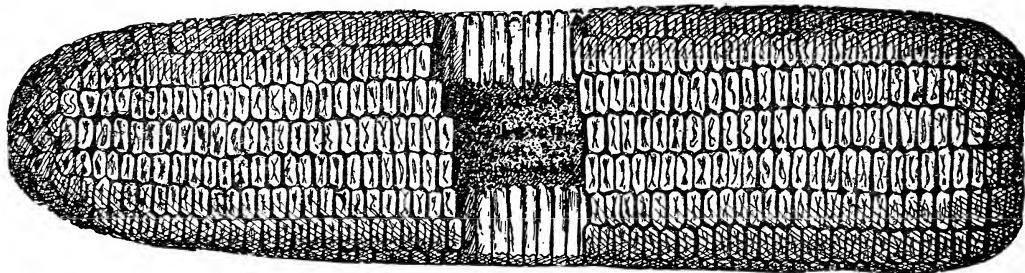
THE SEED BED—Whether in the garden or in the field, the seed bed must be thoroughly prepared to produce the greatest yield. A "good enough" seed bed may do for some, but at the best it can only yield a fair crop. Too often it means a poor stand, an uneven growth and a foul field. No crop grown on the farm suffers more from being planted in a poorly prepared seed bed than does corn, and no crop is more responsive to the effects of a good seed bed than this king of farm crops.

CHAMPION EARLY WHITE PEARL (90 days)

The earliest snow white Dent Corn. Grown extensively by gardeners for roasting ears. It is an immense yielding variety, and very uniform in shape, size, etc. Hence its great market demand. The ears grow very large—the cob small. **Price: 5 Lbs., 65c; 15 Lbs., \$1.50; 56 Lbs. (1 Bu.), \$5.00.**

PRIDE OF THE NORTH (90 days)

This variety of early corn is a great favorite in the extreme northern states. It is a very pure, handsome Yellow Dent. The ears run from seven to nine inches long, with small cob and deep kernels; ears usually containing from fourteen to eighteen rows; will ripen and mature anywhere in ninety days; can be planted as late as June 25th, and make itself by September 10th. Good soil is capable of growing four to six stalks to the hill; many stalks have two ears and usually produce from forty to fifty bushels good, sound corn per acre. **Price: 5 Lbs., 65c; 15 Lbs., \$1.50; 56 Lbs. (1 Bu.), \$5.00.**



CHAMPION EARLY WHITE PEARL.

THE KING OF ALL WHITE CORN



Bu. 56 lbs.

ST. L. S. CO.'S WHITE STAR

Bu. 56 lbs.

Maturing in 110 days.

THIS wonderful white dent corn is known, grown and more extensively planted than any White Corn ever introduced. It is adapted to a wide range of conditions and is a corn for the north, south, east and west and a variety that always, everywhere gladdens the farmer's heart and fills his cribs at harvest time; makes good where other sorts fail, and brings prosperity to the farmer who plants it; it is not only a new variety, but is one of the best known sorts, on account of its great popularity, yielding qualities and wonderful record it has made, and maintained everywhere.

The above illustration on this page is a very true picture, made from a photograph of this corn, showing its type and character. It, however is a large eared corn, running larger in size than Iowa Silver Mine, is pure bred and every stalk producing one and two, good ears, and this is where its large heavy yields come in. The stalks are large, strong and robust, growing to a height of 8 to 12 feet, dependent upon land, upland or bottom land, has a very heavy extensive root system and this is where its vitality to resist drought and parching hot weather comes in; Medium ears run from 10-11 and some 12 inches long and over, but usually about 10 inches, 16 to 20 rows, deep kernels, solidly set on white cob of medium size. In short, this corn was bred with an eye single to heavy yields and early maturity and not for show purposes, but all around general crop purposes. There is no variety that will do better or equal it on old, poor, up-land or hill ground, and at same time there is no variety grown that will yield more bushels of good sound corn on strong rich corn land. Briefly stated it is the embodiment of all the good qualities contained in all the best varieties, it's the sure thing. Our seed stock of this corn is exceptionally fine this year (extra choice) absolutely pure stock and we hope to be able to fill every order that comes to us, large or small. Price: 5 Lbs., 75c; 15 Lbs., \$1.65; 56 Lbs. (1 Bu.), \$5.50.

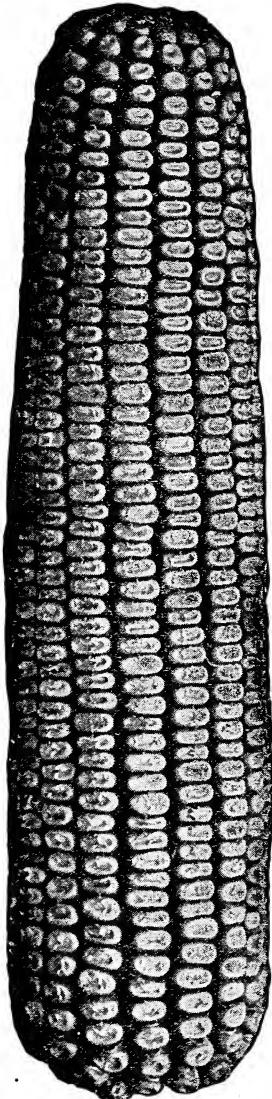
JOHNSON COUNTY WHITE DENT

Maturing in 120 days.

THIS variety was developed and introduced by L. B. Clore and has had 23 years of careful painstaking and intelligent selection and breeding. The Corn has become famous for yield and quality.

The shape of the ear is cylindrical to within about 2 inches of the tip, then slightly tapering. Tips fill well over the end and a large per cent of the ears are entirely covered with grains; the butts are well rounded out with a medium-sized shank, kernels very uniform wedge-shaped, pure white, and white cob; ears average about 10 inches in length with the circumference about three-fourths of the length.

Of strong and vigorous habit of growth and well covered with broad blades. The length of season is about 120 days. This corn has been successfully grown as far north as northern part of Iowa. We especially recommend it for the great corn-growing Mississippi Valley. Price: 5 Lbs., 65c; 15 Lbs., \$1.50; 56 Lbs. (1 Bu.), \$5.00.



Boone County White.

GRADED SEED CORN

We carefully grade all seed corn which we send out, removing the extreme tip and butt kernels so that it is readily planted with edge-dropping corn planters. But the grading is only a part of the labor which we give to the production of good seed corn. All varieties are carefully grown under the direct supervision of our company. It is gathered early, and stored in our seed corn house, where **every ear is carefully inspected by experts** and only those absolutely true to type and of strong vitality are shelled for seed purposes. You cannot buy better seed in America, no matter what the price.

REID'S YELLOW DENT

The Most Popular Yellow Dent Corn in the Great Central Corn Belt.
(Matures 100 days.)

IF ANY seed can truly be called pedigree, the Reid's Yellow Dent Field Corn is certainly entitled to be known as such, as its history dates many years back. It has been bred up and selected with painstaking care to what is at the present time one of the best varieties of yellow corn grown. Ear medium in size, remarkably uniform, and of a bright yellow color, with solid, deep grain and small red cob. Has from 18 to 24 rows of kernels on the cob, 50 to 60 grains in the row, and is well-filled over the ends, and especially the butt, leaving a small shank, which makes it a great favorite with huskers. Best shredding sort, as it shatters the least of any by actual test.

In some of the principal corn growing states of the West it has no equal, and reports from many other states are very flattering. The Iowa Experiment Station report of 1910 gave the Reid's Yellow Dent an average of 100 bushels per acre, while the Agricultural Students' Union of Ohio in 1913 gave it a yield of 14 per cent above all other varieties.

This corn will mature under favorable conditions in about 110 days.

Price: 5 Lbs., 65c; 15 Lbs., \$1.50; 56 Lbs. (1 Bu.), \$5.00.

BOONE COUNTY WHITE

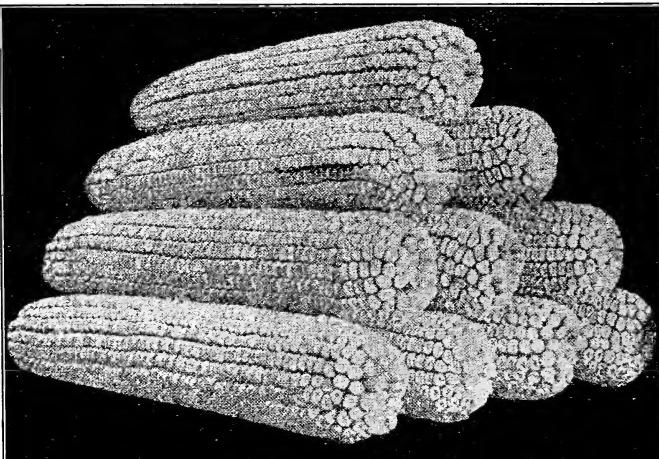
(Matures 120 days.)

BOONE COUNTY WHITE—Is a highly bred variety of white corn of extra large size, containing a high percentage of oil. It is late maturing, but with good long seasons and favorable conditions, it is a splendid yielder. In many places it is a great favorite. The ears are from 9 to 12 inches long, $7\frac{1}{2}$ to $8\frac{1}{2}$ inches in circumference, containing 18 to 24 rows. The cob is medium large and pure white in color. The ears are quite uniform in size, shape and appearance. The kernels are pearl white, quite rough, very deep, with fine large germ. This variety grows a large stalk from 10 to 12 feet high with an abundance of foliage, and like other white varieties, is the best for old, thin or poor soil. With favorable seasons in localities where it has plenty of time to mature, it is particularly valuable; say the Southern half of Indiana, Illinois, Kansas, Missouri, and from there South to the Gulf Coast States. Matures fully in about 120 to 130 days. Our seed stock of this variety was grown from pure, genuine stock and can be relied upon to give the best possible results to be obtained from this variety. Price: 5 Lbs., 65c; 15 Lbs., \$1.50; 56 Lbs. (1 Bu.), \$5.00.

IOWA GOLD MINE

(Matures 95 days.)

IOWA GOLD MINE—Corn is more widely known than any other variety grown and has made the state of Iowa famous as the mother of this wonderful early variety of yellow corn. It is listed by all dealers and planted in every state in the Union where corn is planted or grown. It is a medium early, between the leading and standard field varieties, such as we grow for 100 bushel crops in the central corn belt of the north and west, and the extra early sorts that mature in 80 to 90 days in the extreme northern corn growing boundaries, and also for late planting and replanting, where other sorts have failed or been destroyed from one cause or another. Gold Mine is a favorite in its class with every farmer who ever planted it, ripening a few days later than Pride of North, or making itself in about 95 days. Color, a bright golden yellow. Grain is very deep, cob small, and therefore dries out nearly as soon as it ripens. Price: 5 Lbs., 65c; 15 Lbs., \$1.50; 56 Lbs. (1 Bu.), \$5.00.



Reid's Yellow Dent.

ST. L. S. CO.'S GOLD BOND

THIS Famous corn is more widely known and planted than any corn in the world; has greatest record of any corn on earth. It's an early maturing corn. It is a corn for the north, south, east and west; it gladdens the farmer's heart at harvest time; makes good where other sorts fail. It brings prosperity to the man who plants it.

If any seed grain can truly be called pedigree, the Gold Bond Field Corn is certainly entitled to be known as such, as its history dates many years back. It has been bred up and selected with painstaking care to what it is at the present time one of the best varieties of yellow Corn grown. Ear medium in size, remarkably uniform, and of a bright yellow color, with solid, deep grain and small red cob. Has from 18 to 24 rows of kernels on the cob, 50 to 60 grains in the row. Price: 5 Lbs., 75c; 15 Lbs., \$1.65; 56 Lbs. (1 Bu.), \$5.50.

ST. CHARLES WHITE, RED COB

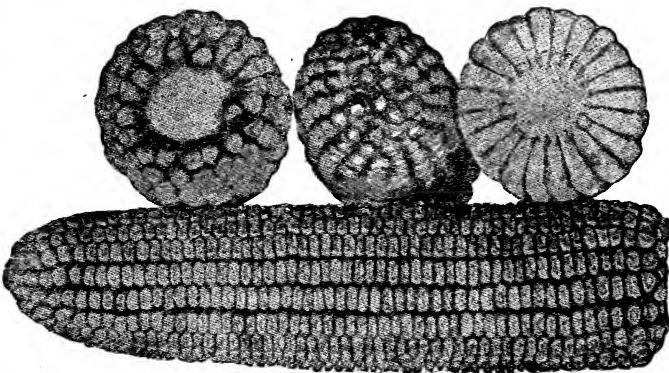
SAINT CHARLES WHITE (120 days)—This excellent variety of white corn was originated in St. Charles County, Missouri, and is very popular with a large number of our customers. It is a very handsome pure variety of white corn set on a red cob, and the ears are usually 8 to 10 inches long, 16 to 18 rows of deep, broad kernels. The stalk grows from 10 to 12 feet high, dependent upon the land upon which it is planted, the lowlands and bottom producing the taller stalks. Price: 5 Lbs., 65c; 15 Lbs., \$1.50; 56 Lbs. (1 Bu.), \$4.75.

IOWA SILVER MINE

(Matures 100 days.)

THIS is not a new variety, but is one of the best known sorts, and on account of its great popularity and the wonderful record it is noted for its great vitality to withstand and resist extreme conditions of weather, wet or dry; also hot weather, and makes good crops where other sorts wither, burn up and perish under hot winds and scorching sunshine. Each year we have grown this corn we have sought to select and improve it in every way possible, not so much to increase the size of the ears, but to increase uniformity of size and number of ears to the stalk and have thus eliminated all barren stalks, and brought it up to the highest standard of perfection, both in yield and early maturity.

Stalks grow 8 to 10 feet in height and ears set well down toward the ground. Price: 5 Lbs., 65c; 15 Lbs., \$1.50; 56 Lbs. (1 Bu.), \$5.00.



St. L. S. Co.'s Gold Bond.

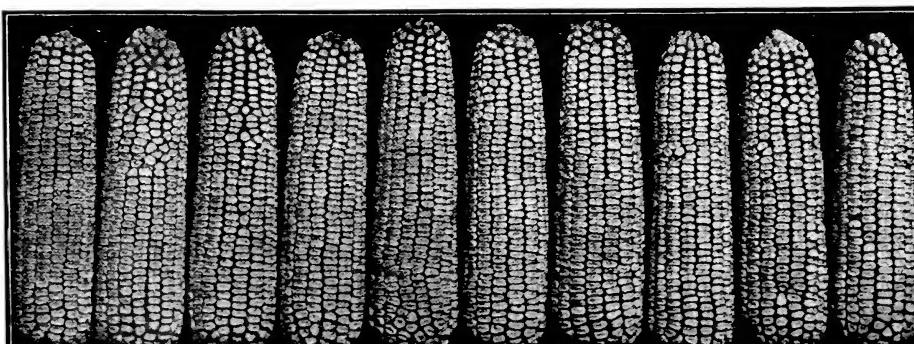
IMPROVED LEAMING

LEAMING IMPROVED—One of the most popular and productive varieties, as the stalks grow very tall and produce, as a rule, two good ears on each stalk. The ears are long, with small, red cobs, well filled with corn of medium size and rich golden color. It will ripen in from one hundred to one hundred and ten days and makes a good crop even in a dry season. On account of its being very strong and vigorous the stalks are very leafy, making an excellent fodder; the kernels are so deep that it makes an extra large yielder. In this vicinity we recommend this Corn more than any other variety for ensilage. Price: 5 Lbs., 65c; 15 Lbs., \$1.50; 56 Lbs. (1 Bu.), \$5.00.

POP CORN

POP CORN—Should be found in every garden and on every farm, especially if there are children in the home to enjoy it during the long winter evenings. The constant demand for pop corn makes it a profitable crop. Let the boys raise an acre of it for their own spending money. Be sure to procure good, pure seed for them, as pop corn mixes readily with field varieties.

WHITE RICE—Cultivated and used more than any other sort. Short ears, with four to six ears to the stalks, with long, pointed kernels. Very productive. The yield per acre is equal to any of the field dent varieties, as it can be planted much closer than common dent varieties of corn. Price: 1 Lb., 25c; 10 Lbs., \$2.00.



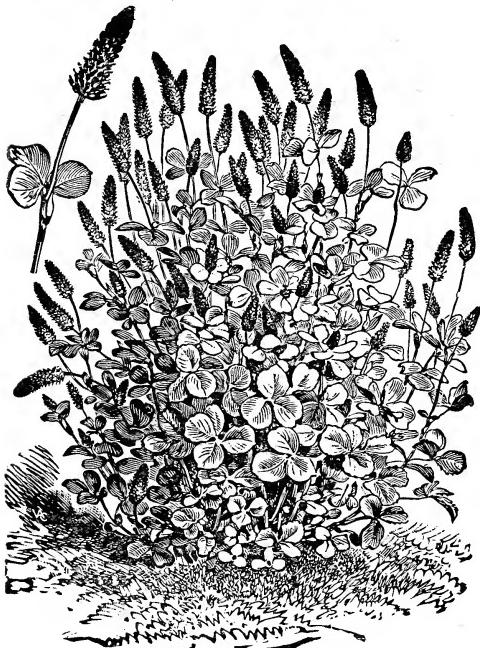
CLOVER SEED (Bu. 60 Lbs.)

(Field Seeds by Parcel Post, See Page 2.)

Bags extra at cost. $\frac{1}{2}$ Bu. cotton, 15c; seamless, 45c each.

PRICES ON GRASS AND CLOVER SEED ARE SUBJECT TO CHANGE.

CLOVER can be sown in the Spring, from February to April in this locality, varying earlier or later according to other latitudes. Excellent results can also be obtained from sowing it on late snows, with the melting of these the seed soaks into the earth about the right distance. The Summer and early Fall sowing of clover is also giving most satisfactory results, and a full crop can be cut the succeeding year when this is done.



Crimson Clover.

ALFALFA OR LUCERNE

ALFALFA CLOVER (Fancy)—The King of Forage Plants—Alfalfa is the corner-stone upon which is being built the prosperity of wide areas of our agricultural country—with its never-failing three and four crops of from five to six tons per acre; its great fattening qualities for horses, cattle, hogs, sheep and poultry, its drought-resistant qualities. After once being rooted, its perennity is more than two decades. When writing for sample, state quality of seed you wish to buy. 15 to 18 lbs. is usually sown to the acre. Price: Lb., 30c; 10 Lbs., \$2.75; 60 Lbs., \$14.50; 100 Lbs., \$24.00.

CRIMSON OR SCARLET CLOVER

IT CAN be seeded at any time from June to October, at the rate of fifteen to twenty pounds to the acre, and makes the earliest possible spring pasture, blooming the latter part of April or May and for feeding as hay, should be cut just before coming into full bloom. Sow Crimson Clover at the last working of all crops, like beans, corn, melons, cucumbers, tomatoes and other crops. Price: Lb., 25c; 10 Lbs., \$2.25; 100 Lbs., \$20.00.

WHITE DUTCH CLOVER

ALOW, close growing Clover; round, white heads, very fragrant. Very desirable for beautifying the lawn. It will stand close cutting and very rapidly throws up an abundance of leaves and blossoms. It is usually better to sow with other grasses. Does well on most any soil. Price: Lb., 65c; 10 Lbs., \$6.25.

(Field Seeds by Parcel Post, See Page 2.)

Bags extra at cost. $\frac{1}{2}$ Bu. cotton, 15c; seamless, 45c each.

PRICES ON GRASS AND CLOVER SEED ARE SUBJECT TO CHANGE.

Clover Innoculation use FARMOGERM

Highbred Nitrogen Gathering Bacteria make poor soil good soil.

TO RAISE the biggest and best crop of Peas, Beans, Sweet Peas, Clover, Alfalfa, or other legumes, Farmogerm will do it, and add nitrates to the soil to benefit future crops of other kinds. Price: $\frac{1}{4}$ -acre size, 50c; acre size, \$2.00; 5-acre size, \$7.50.

RED CLOVER

RED CLOVER—This is regarded as the most valuable of the Clover family. It makes two crops each year. The first is usually cut when it is in blossom for hay; the last crop may be harvested for seed, cut for hay, or plowed under to add fertility to the soil. It may be sown either in the Spring or Fall, and if no other grasses are used, at the rate of from eight to twelve pounds to the acre, according to quality of seed used and condition of the soil. Clover adds greatly to the fertility of the land on which it is grown. It does not exhaust the soil, but enriches it. It pays always to buy the best grade of Clover seed which can be obtained. Our strictly "Fancy Recleaned" grade cannot be surpassed by anyone. Price: Lb., 40c; 10 Lbs., \$3.75; 60 Lbs., \$21.25; 100 Lbs., \$35.00.

MAMMOTH RED CLOVER

THIS is grown largely for pastures and to restore fertility to depleted soils. It makes good hay if cut soon enough although it has a coarser stem than the Medium Red Clover. Mammoth Red Clover supplies fine grazing for stock. It sometimes yields more seed than medium Red Clover. Being a rank grower, it is very valuable for fertilizing purposes. The foliage, flower and stem are darker in color than the Medium Red Clover. It ripens later, and makes only one crop. Especially valuable on light, sandy lands. Sow 10 to 15 pounds to the acre. Extra large plump seed. Price: Lb., 40c; 10 Lbs., \$3.90; 60 Lbs., \$21.75; 100 Lbs., \$36.00.

ALSIKE, OR SWEDISH CLOVER

THIS is one of the hardest varieties known. It is perennial and does not winter-kill. It will do better on moist land than any other variety of Clover, and is suitable for either hay or pasture. When sown with other grasses, it forms a thick undergrowth and greatly increases the yield. It is frequently sown both with Medium Red Clover and with Timothy, and the quality of hay thus produced is excellent. It is finer and more leafy than Medium Clover, although it does not grow so high. It is very fine for honey bees, and cattle prefer it to other Clovers. Price: Lb., 35c; 10 Lbs., \$3.25; 60 Lbs., \$18.25; 100 Lbs., \$30.00.

SWEET CLOVER

SWEET clover grows in all parts of the United States; it possesses a wider adaptability in regard to soil and climate than any other clover or alfalfa. It thrives on the poorest, sandy soil and on dry hill sides, where no other clover will grow; in the west, where irrigation forced the alkali to the surface with the result that it has killed all vegetation except some saltweeds, sweet clover is the only plant that will grow and make a good yield. It will endure more drought than alfalfa.

SWEET CLOVER (White Blossom)—It is a biennial leguminous plant, tall, somewhat like coarse alfalfa, growing 8 to 10 feet high. Its blossoms, which rarely appear until the second year, are white and give a strong smell of honey. If not allowed to reseed, it will die out the second year. Price: Lb., 30c; 10 Lbs., \$2.90; 60 Lbs., \$16.90; 100 Lbs., \$28.00.

SWEET CLOVER (Yellow Blossom)—Especially adapted to bees, the honey from it being as clear as a crystal. It is also recommended as a fertilizer. Price: Lb., 25c; 10 Lbs., \$2.25.

FARM SEEDS

(Field Seed by Parcel Post, See Page 2.)

Prices Subject to Market Changes.

Bags extra at cost $\frac{1}{2}$ Bu. Cotton 15c, Seamless 45c Each.

BUCKWHEAT

JAPANESE—About a week earlier than Silver Hull and yields more. It is much more productive than any other, succeeds well. The straw is heavier and it branches more. Best for bees. Price: Lb., 10c; 15 Lbs., \$1.20.

SILVER HULL—Very good popular variety. Price: Lb., 10c; 15 Lbs., \$1.20.

BARLEY

SUCCESS BEARDLESS BARLEY—Earliest variety in existence; is a heavy yielder. Price: Lb., 10c; 15 Lbs., \$1.25; 50 Lbs., \$3.75.

SPRING BARLEY—A close second to the famous Beardless Barley. Price: Lb., 10c; 15 Lbs., \$1.25; 50 Lbs., \$3.75.

BROOM CORN

STANDARD EVERGREEN—Grows about eight to ten feet high, stands up well and is entirely free from crooked brush. The fibre is long and fine. It will not get red in the field before it is cut, but is strictly a green variety of brush. Price: Lb., 15c; 10 Lbs., \$1.25.

FIELD PEAS

CANADA FIELD PEAS—Quite distinct from Cow Peas, yet similar in valuable properties, as fertilizer, food, etc. Price: Lb., 15c; 10 Lbs., \$1.25.

WHITE CROWDER OR FORTY DAY—These are largely used in the Southern States for early Peas. They grow upright, bushy, and under ordinary conditions do not need support; very prolific and grow larger than ordinary Cow or Field Peas; very compact in pods; peas are flattened from being so close in pods. Price: Lb., 20c; 10 Lbs., \$1.50.

LADY—These are small, round and pure white, and are generally planted between corn. A delicate vegetable. Price: Lb., 20c; 10 Lbs., \$1.50.

SOY BEANS

HAVE been grown successfully in all sections of this country, and by many farmers are preferred to Cow Peas, both for their larger yield of beans, and the fact that they are easier to gather.

Comparatively few farmers in this section have had experience with Soy Beans, though nearly all of them have used Cow Peas. Price: Lb., 15c; 15 Lbs., \$1.80.

VELVET BEAN

USED largely as a green-manure plant and also for forage. Grows taller and larger than any other soil plant, being sometimes 30 feet in length. Sow same as Cow Peas, in rows five feet apart and in hills four feet apart in the row. Price: Lb., 15c; 10 Lbs., \$1.25.

RYE

CHOICE—(56 Lbs. per Bu.)—If sown early in the Spring it makes an early and abundant pasture. Price: 5 Lbs., 25c; 15 Lbs., 60c.

COW PEAS

WHIPPOORWILL—The favorite early bunch-growing variety; has brown speckled seeds. Price: Lb., 10c; 15 Lbs., \$1.25; 60 Lbs., \$4.50.

CLAY—This is one of the best peas for our Southern country, being a vigorous grower and an abundant bearer, very moist, giving proper nourishment to the soil. Begins to bear about two months after being planted. Price: 15 Lbs., \$1.25; 60 Lbs., \$4.50.

NEW ERA—The famous standard variety, grown extensively everywhere. Price: 15 Lbs., 1.25; 60 Lbs., \$4.25.

MIXED—We always have a supply of mixed varieties; usually a little lower in price because of this and equally valuable for soiling. Price: 15 Lbs., \$1.25; 60 Lbs., \$4.25.



DWARF ESSEX RAPE

THE demand for Dwarf Essex Rape is becoming so great that it is increasing many fold each year. It is easily grown everywhere and it always gives the best satisfaction. As a forage plant for hogs, cattle or sheep it can not be surpassed. There is but one true variety, and that is Dwarf Essex, and we offer you the true stock. Price: Lb., 20c; 10 Lbs., \$1.90; 25 Lbs., \$4.25.

SPELTZ OR EMMER

(40 Lbs. per Bushel)

Sow 70 to 80 pounds per acre.

A GRAIN for dry lands introduced from Russia. This is a remarkable grain, and should receive the attention of all farmers. It is a species of drought resisting Barley, and not inclined to rust. It will produce a fair crop under almost any condition of climate, but grows best in dry prairie regions with hot summers, giving excellent results. All animals eat it greedily and are fond of the straw. Sow in fall as wheat. Price: 5 Lbs., 30c; 20 Lbs., \$1.00.

PEARL OR CATTAIL MILLET

MAKES a splendid continuous cutting forage plant for either green feed or hay. It will grow ten to twelve feet high, but cutting can commence when it has attained a height of three to four feet, when it will stool out enormously and make a rapid growth, and it can be cut this way three or four times in a season. Price: Lb., 30c; 10 Lbs., \$2.25.

TEOSINTE

A VALUABLE continuous cutting forage plant for Southern and Southwestern states, furnishing a most nutritious food green or dry for horses and cattle. It resembles Indian Corn, the leaves being larger and the sap sweeter. Sow in May in drills 3 1/2 to 4 feet apart; 2 to 3 pounds per acre. Price: Lb., 50c.



SCHROCK KAFFIR-SORGHUM

IT WILL be a long time before we introduce to our customers a new variety of Sorghum that will be of greater value than this wonderful new Schrock Kaffir-Sorghum. We are constantly making experiments on our trial grounds and are always on the lookout for something new that really has merit. We feel absolutely positive that we have it in this new variety of Sorghum. It has many advantages over Kaffir, Milo Maize and Feterita. The principal ones are that it remains green until frost and the forage makes splendid feed. It never shatters and will not heat in the stack.

The seed should be sown in rows three feet apart. Three pounds of seed is sufficient to plant an acre. It should be cultivated the same as Kaffir or Milo Maize, taking care to run the cultivator very shallow in order not to cut off the roots. A little seed goes a long ways, unless it is sown for forage, when it can be sown broadcast at the rate of 50 pounds per acre.

Price: Lb., 20c; 10 Lbs., \$1.75; 100 Lbs., \$12.50.

VETCH

WINTER OR HAIRY VETCH—Should be sown during August and September; mixed with Rye, it serves as a support for the plants, or in Spring with oats or barley. It is the earliest crop for cutting. Price: Lb., 25c; 10 Lbs., \$2.25; 25 Lbs., \$5.25; 100 Lbs., \$20.00.

SPRING VETCH (for spring sowing)—Price: Lb., 15c; 10 Lbs., 1.25; 50 Lbs., \$5.00.

FARM SEEDS

Prices Subject to Market Changes.
(Field Seed by Parcel Post See Page 2.)
Bags Extra at Cost
½ Bu. cotton, 15c; Seamless, 45c Each.

CANE

EARLY AMBER—Farmers and stockmen say that Early Amber Cane is the most valuable fodder plant in existence. Not only is it adapted for feeding purposes, but it has great qualities as a Sorghum. Price: Lb., 15c; 10 Lbs., \$1.10; 25 Lbs., \$2.40; 100 Lbs., \$9.50.

EARLY ORANGE—A variety well adapted for the South. It is from eight to ten days later than the Early Amber. Price: Lb., 15c; 10 Lbs., \$1.10; 25 Lbs., \$2.40; 100 Lbs., \$9.50.

KAFFIR CORN

ONE of the finest fodder plants, yielding two crops each season. Stalks grow to a height of five or six feet, each bearing numerous wide leaves. It is a wonderful yielder and one of the most profitable crops grown.

WHITE VARIETY—Price: Lb., 10c; 10 Lbs., 90c; 25 Lbs., \$2.25; 100 Lbs., \$7.50.

FETERITA

A WONDERFUL new grain which has attracted considerable favorable attention in Kansas, Missouri and Oklahoma. It belongs to the Sorghum family. Under proper conditions, it will yield 60 to 75 bushels to the acre. Price: Lb., 10c; 10 Lbs., 90c; 25 Lbs., \$2.00; 100 Lbs., \$7.00.

MILO MAIZE

GRATEST producer of forage of the best quality. Grows 8 to 12 feet tall, stooling heavily, and can be cut 3 or 4 times during a season. Cut at any stage of growth. Seed heads immense and can furnish a grain crop equal in feeding value to corn. Plant 10 pounds per acre in drills. Immense yield will surprise you. Price: Lb., 10c; 10 Lbs., 90c; 25 Lbs., \$2.00; 100 Lbs., \$7.00.

MILLETS

(50 Lbs. per Bushel.)

HUNGARIAN—Commonly called Hungarian Grass. A quick growing, valuable forage plant. May be sown at any time during the Summer up to the middle of August. Price: Lb., 10c; 10 Lbs., 75c; 50 Lbs., \$3.50.

SIBERIAN—More productive than the German or Golden and of superior quality. Is superseding all other varieties in some sections. Price: Lb., 10c; 10 Lbs., 75c; 50 Lbs., \$3.50.

GERMAN OR GOLDEN—It is a strong grower and will yield enormous crops of the finest hay, and should be cut before the seeds will harden. For hay, sow from May to August 1st. For grain, sow in drills not later than June 20th. Fancy Price: Lb., 10c; 10 Lbs., 75c; 50 Lbs., \$3.50.

FLAX

(56 Lbs. per Bushel.)

IS ONE of the most productive and profitable crops and will yield you many fold the returns from numerous other crops. Price: Lb., 20c; 10 Lbs., \$1.75.

PEANUTS

FIELD largely and are a paying crop. Planted in April, they ripen in August, and planted as late as July 1st, they will mature full crops before frost. **WHITE**—Price: Lb., 25c; 10 Lbs., \$2.00.

SUNFLOWER

MAMMOTH RUSSIAN—Sunflower Seeds are superior for poultry (said to improve the meat). Price: Lb., 10c; 25 Lbs., \$2.25; 100 Lbs., \$7.50.

FARM SEEDS—Continued

Prices Subject to Market Changes. Bags extra, at cost, $\frac{1}{2}$ Bu. cotton, 15c; Seamless, 45c each.

SEED OATS

It Costs Less to Grow Good Oats than Poor Ones.

EARLY WHITE CHAMPION—This is a well-known and popular variety throughout the central states and northwest. It ripens early and yields an abundant crop. It is a large, white oat, free from black kernels. In comparison with other sorts, one close observer has stated, "It has the plumpest kernel of any variety." The straw is of medium length and of a quality that stands up well on almost any kind of soil. We have a bright, heavy stock to offer, which we would be pleased to sample to you. **Price:** Bu., \$1.50; 10 Bu., \$1.40 per Bu.

SILVER MINE OATS—The heads are very large in proportion to its stiff, bright, clean straw. The sprangle top heads, although long, are borne low down on the stalk, which seems to prevent lodging. The straw is valuable for feed and for bedding. As a rule, oats yield a greater profit an acre than wheat, and they are also a more reliable crop. **Price:** Bu., \$1.40; 10 Bu., \$1.35 per Bu.

TRUE BLACK—They are preferred by those who have had experience with them principally on account of their superior yielding qualities, but besides being fully equal, if not better than white oats in point of feeding qualities, they possess another very valuable characteristic in the unequalled stiffness and strength of straw. **Price:** Bu., \$1.50; 10 Bu., \$1.40 per Bu.

TEXAS RUSTPROOF—The ideal Rust Proof variety, grown extensively throughout the South, an immense yielder, a sure cropper. **Price:** Bu., \$1.50; 10 Bu., \$1.40 per Bu.

WINTER TURF OATS—Sow in October or early November, make a good growth before Winter sets in, and can be relied upon to furnish the finest of green pasture all Winter through and a good crop of grain the next Spring. **Price:** Bu., \$2.10; 10 Bu., \$2.00 per Bu.

ST. L. S. CO. SEED WHEAT

THREE is no more important or profitable crop to the farmer than winter wheat, and if the farmers and wheat growers would give more careful attention to varieties and quality of seed they sow, as well as the preparation of their soil, they would find winter wheat growing the leading money crop of the farm.

FULTZ'S MEDITERRANEAN—This is the best Blue Stem Wheat of which we have knowledge. It has given an average yield for the last 13 years, through favorable and unfavorable seasons, of 36 bushels an acre. As the wheat ripens, the stem and straw assume a beautiful golden-yellow hue, and entirely free from rust. This variety has no beards and is especially adapted to the older wheat-growing sections of the Northwest. The kernel is of the hard variety; very productive. Write for price.

NEW PROSPERITY—Its mammoth record yield of 45 bushels per acre famed it as the world's leader. Our New Prosperity is a smooth, strong, healthy wheat and is seldom troubled with insects that affect other wheats. The straw is very long with big, full, solid heads. In fact, it is the wheat that will make any man dollars. Write for price.

FULCASTER—It is a bearded variety; the kernels are red with a very thin husk, are hard and flinty and very rich in gluten. It is stiff-strawed and will stand up in wind and rain which would lodge other varieties very badly. Write for price.

RED MAY—A good variety for this country. It is about a week earlier than the standard varieties. It is a heavy yielder, and has a golden yellow color. Some fields of this variety averaged 34 bushels to the acre last season.

An exceedingly hard variety, highly recommended by the Government Experiment Stations. It is very prolific and does well on upland or second bottom lands. Straw rather short but stiff, carrying good, square, well filled heads. Write for price.



Fultz's Mediterranean.

FARM SEEDS—Continued

FARM SEEDS ARE SENT BY FREIGHT OR EXPRESS at customer's expense. We pack carefully and deliver to transportation company here, and always make shipment via best and quickest route.

Bags extra at cost—Cotton, Pk. size, 10c; $\frac{1}{2}$ Bu., 15c; 2 Bus. Seamless 45c.



Orchard Grass.



Timothy.

PRICES ON ALL FARM SEEDS ARE SUBJECT TO
MARKET CHANGES.

TIMOTHY—(45 Lbs. per Bu.)—The best of all grasses for hay. It should be cut when in blossom, in June or July. It is preferable to sow in the Fall, but we sell almost as much seed in the early Spring, and it is frequently sown then with equal success. Price: Fancy, Lb., 20c; 10 Lbs., \$1.50; 100 Lbs., \$11.00.

RED TOP—A very hardy perennial grass, succeeding best on moist land. It accommodates itself to a variety of soils, however, even to quite dry situations, and stands our hot climate admirably. Fancy or solid seed. Price: Lb., 25c; 10 Lbs., \$2.25; 100 Lbs., \$18.00.

ENGLISH PERENNIAL RYE GRASS—(20 Lbs. per Bu.)—It is invaluable for perennial pastures, for hay if cut when in blossom. Price: Lb., 20c; Bu., (20 Lbs.), \$3.25.

BERMUDA GRASS—Used extensively in the South for lawns, where other lawn grasses cannot be successfully grown. Sow seed in the Spring. Price: Lb., 50c; 10 Lbs., \$4.50.

HARD FESCUE—Smaller and less vigorous growth than Sheep's Fescue. It suits sandy or dry hilly soils. Price: Lb., 45c; 10 Lbs., \$4.00.

SHEEP'S FESCUE—Fescues are being appreciated wherever introduced. This variety deserves a place in the stock pastures. Price: Lb., 50c; 10 Lbs., \$4.50.

WOOD MEADOW GRASS (*Poa nemoralis*)—This grass is now classed among our good "shaped pasture grasses." It is splendidly adapted for moist shady places. Price: On account of this Grass being imported from Germany only, we were unable to receive our shipment.

MEADOW FESCUE (*Festuca pratensis*)—One of the best grasses for permanent pastures; yields an abundance of fodder of great nutritive value. Much liked by all kinds of stock. Price: Lb., 25c; 10 Lbs., \$2.25; 100 Lbs., \$20.00.

SUDAN GRASS SEED

SUDAN is probably the wild original form of the cultivated sorghums. It is a tall annual grass, growing under favorable conditions to a height of 6 to 10 ft., but when broadcasted thickly, it grows from 3 to 5 feet. The stems are fine, the largest stalks seldom larger than a lead pencil. Where the plants are scattered they stool abundantly, as many as 100 stalks coming from a single root. The stems are leafy, erect, and seldom lodging. The grass cures easily, making hay of excellent quality, which is readily eaten by all kinds of livestock. It is considerably earlier than the earliest Amber Sorghum, and will probably mature as far north as the Canadian line.

GROWING THE CROP—It may be grown either drilled, in cultivated rows, or broadcasted. If planted in cultivated rows, the rows should be as close as possible, and yet permit of easy cultivation. In thirty-inch rows, two to three pounds of seed per acre is ample; and, under conditions of very low rainfall, this method is recommended. Under humid conditions, 18-inch rows are preferable, and 5 pounds of seed per acre are sufficient. For drilling or broadcasting, 5 to 6 pounds of seed per acre, depending on rainfall, should be used.

HARVESTING THE CROP—The hay is recommended that in growing for seed headed, an early cutting is especially advisable where two or more cuttings per season are expected. The grass can be cut with a mower, but more conveniently with a binder, especially in dry regions, as the hay cures very rapidly in bundles. Price: Lb., 30c; 10 Lbs., \$2.75.

PERMANENT PASTURE MIXTURES

FOR EVERY different kind and condition of soil there are a large number of grasses which are especially suitable. Some sorts do best on high ground and in dry weather; others prefer plenty of moisture. Some mature so early and others so late that from the beginning of Spring until Winter sets in there is no time when one species or another is not at its best. From these considerations, the importance of sowing many varieties for pasture and meadow purposes will be apparent.

PASTURE MIXTURE "A"—Good Moist Soils. Sow 25 pounds per acre. This is intended for the average soil. Use more seed where land is dryer. If stock does not keep down to six or ten inches use the mower to do so. Do not pasture too closely. This is well suited for "patching" your present pasture by disking or harrowing in. Price: Lb., 25c; 10 Lbs., \$2.25; 100 Lbs., \$20.00.

PASTURE MIXTURE "B"—Dry, Hilly Uplands. Sow fifteen to twenty pounds per acre. Recommended for rolling ground, or where stones or sand in

soil demand drought-resisting varieties. Plow or disk in where possible, and on unplowed, stumpy or stony ground brush thoroughly. Price: Lb., 25c; 10 Lbs., \$2.25; 100 Lbs., \$19.00.

PASTURE MIXTURE "C"—Shaded Pastures. Sow 25 to 30 pounds per acre. This is especially planned to suit the woods, which is often waste except for its timber. Get the seed on and into the ground; do not leave on top of the leaves. The more open use the more seed. Price: Lb., 30c; 10 Lbs., \$2.75; 100 Lbs., \$24.00.



LAWN GRASS

(Grass Seed by Parcel Post, See Page 2.)

All Grass Seed Prices are Subject To Market Changes.

INFORMATION OF SOWING LAWNS AND THEIR CARE.

ONE LB. WILL SOW 300 SQUARE FEET, 40 to 50 LBS. TO THE ACRE.

THE ground should be thoroughly drained and well prepared, but the surface should be as much alike in quality as possible and thoroughly pulverized. After sowing, the ground should be rolled in order to press the seed firmly into the soil. The proper time to sow grass seed depends, of course, upon the latitude. In this vicinity from early Spring to hot weather. Seed may also be sown in the Fall, provided it is done early enough to secure a good, strong growth before Winter sets in. The sowing should be done when the ground is moist, or before an expected rain, and a subsequent rolling is always advisable. As to weeds in newly made lawns, it may not be generally known, but many weed seeds actually lie dormant on the ground for six or seven years and will germinate and make their appearance when the soil is turned up. It requires at least 1 lb. of seed to every 300 square feet of ground, not already seeded, to give best results.

Rolling—As soon as the frost is out of the ground in the Spring, the land should be gone over with a heavy roller. Winter frosts loosen the soil, and rolling is necessary to compress it again. If grass seed is to be sown, this

should be done first and the rolling immediately afterward. Roll frequently.

Mowing—All turf-forming grasses are improved, both in vigor of root-growth and in fineness of texture by frequent mowings. It is impossible to say just how often the grass should be mown, as that depends upon the rate at which it grows. Too close cutting should be guarded against, however, especially during the hot Summer months, when the roots require some top growth to protect them from the burning sun. A good top growth is also necessary to protect the roots from severe winter frosts.

To Grass a Bank or Terrace—For each square rod, take a pound of lawn-grass seed, and mix it thoroughly with 6 cubic feet of good, dry garden loam; place in a tub, and add liquid manure, diluted with about two-thirds of water, so as to bring the whole to the consistency of mortar. The slope must be made perfectly smooth, and then well watered, after which the paste should be applied.

USE SHEEP MANURE ON YOUR LAWN—WE HAVE IT!

25 LB. BAGS, 75c; 50 LB., \$1.25; 100 LB., \$2.00.

ST. LOUIS SEED COMPANY'S CELEBRATED LAWN GRASS SEEDS

ESPECIALLY ADAPTED FOR THIS LOCALITY AND WILL INSURE A FINE, VELVETY LAWN.
One Lb. will sow 300 Square Feet. 50 Lbs. to the Acre.

A smooth, velvety lawn surrounding a house adds not only to the value, but enhances the enjoyment of every home, whether it be in city, town or country. When properly made, a lawn is as satisfactory as any investment a home-owner can make. A lawn may be made in two ways, by sodding or by sowing seed. Sodding is not only very expensive, but unsatisfactory as well. Sods are ordinarily taken from a pasture or along the roadside and almost invariably contain weed seeds and coarse, tufty grasses which appear after the lawn is made. Seeding is not only more economical but is attended with better results.

ST. L. S. CO.'S HAVALAWN

(Name is registered in U. S. Patent Office.)

IS PROCURABLE only from us. Every package bears our green label. No other is genuine, and we will prosecute all infringements.

The most important thing to consider in selecting seed for lawn grass is to obtain a proper mixture of several varieties, for two reasons. First, each variety is at its best during a certain part of the season. By properly choosing early, medium and late grasses, a smooth, even green lawn is assured from early Spring to late Autumn. Second, a given area can support only so many grass plants of one kind for they all absorb the same sort of food, but if several varieties are sown, the same area will support many more plants, as different sorts live on various elements in the soil. This will give a much thicker and more luxuriant turf all over the lawn.

With the facts in mind, our Havalawn Grass Seed is scientifically combined. Our experience of many years has given us an intimate knowledge of grasses, their habits and requirements. In our Havalawn Seed are included the best varieties—pure, clean and free from foul seed.

Full provision is made for a succession of growth, so that there shall be no break in the richness of the verdure from spring until autumn, and experience proves that Havalawn Grass Mixture is now perfect. Nothing better can be purchased on the American market, no matter what claims may be advanced by other seedsmen. Price: Lb., 35c; $\frac{1}{2}$ Bu., (7 Lbs.), \$2.25; Bu. (14 Lbs.), \$4.50; 100 Lbs., \$30.00.

GOLF LINKS MIXTURE

WE HAVE given much attention to Grasses for Golf Courses. This Mixture is composed of foreign Grasses that thrive here, with the addition of several fine American varieties. By the use of this Mixture, and with proper care, the finest Fair Greens and Putting Greens in the world can be successfully rivaled. If conditions are favorable, a good playing turf may be secured in eight weeks from time of sowing and will last indefinitely. Price: Lb., 40c; 10 Lbs., \$3.50; 100 Lbs., \$31.00.

BERMUDA GRASS (Cynodon Dactylon)—Is a dwarf perennial plant and spreads by means of its long and many-jointed root stalks, and for this reason is hard to eradicate once it has secured a foothold; thrives during the hottest part of the year, and will live under water for a long time. Makes a durable lawn and is also used to hold embankments. This grass is much used for lawns about Sacramento. The seed is very slow to germinate and requires heat and moisture. Sow 10 lbs. per acre. Price: Per Lb., 50c; 10 Lbs., \$4.50.

CANADIAN BLUE GRASS—Resembles somewhat the Kentucky Blue Grass, but is not of so good quality. It is grown very extensively in Canada and some parts of the United States. Price: Lb., 20c; 7 Lbs., \$1.25; 14 Lbs., \$2.50.

For Other Grasses, See Page 48.

PUTTING GREEN MIXTURE

ACAREFUL study of the requirements for making the most substantial turf for Putting Greens developed the mixture herewith offered by us for this purpose. The varieties comprising it are all of the finest-bladed, low growing and most hardy kinds, and maintain their rich, green color throughout the season. We also recommend it for terraces, embankments and steep slopes. Price: Lb., 45c; 10 Lbs., \$4.00; 100 Lbs., \$35.00.

ST. L. S. CO.'S SHADY LAWN MIXTURE

THIS mixture is intended for all situations that are in partial or complete shade, and will be found invaluable on grounds lying under the shadows of trees or buildings. In preparing such places for the reception of grass seeds it is well to use air-slacked lime quite liberally. This mixture is a combination of fine dwarf-growing-evergreen varieties of grass, which grow naturally in the woods or in shaded spots. Sow thickly. Price: Lb., 40c; $\frac{1}{2}$ Bu., (7 Lbs.), \$2.75; Bu. (14 Lbs.), \$5.50.

GOOD RESULT MIXTURE

THIS is intended for back yards, large play-grounds, etc., that are not intended to be kept cut as closely as other front lawns, and where grass is wanted quick to cover unsightly places. Price: Lb., 20c; $\frac{1}{4}$ Bu. (7 Lbs.), \$1.25; Bu. (14 Lbs.), \$2.50.

FANCY KENTUCKY BLUE GRASS

THIS famous grass is well-known in all sections. It generally grows well on any stiff or loamy Soil fertile and well drained in Central and Northern States. Kentucky Blue Grass is at its best in the Spring and Fall months, but being rather sensitive to heat, does not grow luxuriantly during Summer. It takes a considerable time to get a good stand of this, as it grows very slowly at the start, but, when once established forms a close, compact turf, making a fine lawn. Price: Lb., 30c; $\frac{3}{4}$ Lbs., \$1.00; 7 Lbs., \$2.00; Bu., \$4.00; 100 Lbs., \$26.00.

WHITE OR DUTCH CLOVER

ALOW, close-growing clover; round, white heads, very fragrant. Very desirable for beautifying the lawn. It will stand close cutting and very rapidly throws up an abundance of leaves and blossoms. It is usually better to sow with other grasses. Does well on most any soil. Price: $\frac{1}{2}$ Lb., 35c; Lb., 65c; 10 Lbs., \$6.25.

PERENNIAL RYE GRASS—It grows rapidly and makes a good showing within month from time of sowing. Valuable for planting early on dry hillside. Price: Lb., 20c; Bu. (20 Lbs.), \$3.25; 100 Lbs., \$16.00.

RHODE ISLAND BENT GRASS—This is our very best grass for mixtures being hardy, and the creeping habit of its roots, constantly adding to the size of its plant, forms the closest mat. Will stand severe rolling and constant cutting. Should be in all lawn mixtures, but on account of its very high price, is rarely used. Price: Lb., 50c; 10 Lbs., \$4.50.

CREEPING BENT GRASS—Being of fine texture this grass is most valuable for lawns, and ideal for putting greens. It is of rapid growth and spreading habit, and makes a strong, enduring turf. Sow 40 lbs. Price: Lb., 50c; 10 Lbs., \$4.50.



GENERAL LIST OF FLOWER SEED

ST. LOUIS SEED COMPANY'S SUBURBAN GARDEN COLLECTIONS

ANNUALS—During the Spring months we have daily many calls for a collection of Flower Seeds that do well in a small suburban garden and produce flowers from early Summer until frost.

This collection of annuals has been carefully selected from varieties which are easily grown and well adapted for small or large gardens, and which will give continuous bloom from early Summer till late Autumn.

Such annuals as **Alyssum, Aster, Antirrhinum, Balsam, Carnation, Cosmos, Dianthus, Nasturtium, Pansy, Petunia, Phlox, Portulaca, Sweet Peas, Verbena and Zinnia.** Price: Collection of 15 Varieties, 50c.

PERENNIALS—As the demand is steadily increasing for the flowers which do not require planting each season, we have carefully prepared the following collection which will, without doubt, give excellent satisfaction to those interested in this class of beautiful plants.

We advise planting the seeds of perennials as early as June and July, thereby enabling the grower to obtain much stronger plants which will become better established to withstand the Winter.

We include in the following collections such varieties as **Hollyhock, Columbine, Larkspur, Fox-glove, Canterbury Bells, Coreopsis, Gaillardia, Grass Pinks, Phlox and Poppy.** Price: Collection of 10 Varieties, 50c.

Don't fail to try our Home Garden Collection, Page 4.

IN PRESENTING this list of **Flower Seeds** for your attention, every care has been taken to secure **seeds** from sources of supply known to us, and from our experiences to be of the highest possible merit. Our Flower Seeds are selected with an idea of superiority of strain and we handle only the highest possible types in each respective class.

We mail all Flower Seeds FREE OF COST to any Post Office in the United States.

The following abbreviations and designations will be of material aid in making selections:

1 designates **early**—blooming in Spring and early Summer.

2 designates **intermediate**—blooming in midsummer.

3 designates **late**—blooming in late Summer and Autumn.

A represents **Annual**—lasting but one year. S represents **Shrubs**—plants of bushy habit.

B represents **Biennial**—lasting two years. G represents **greenhouse** plants.

P represents **Perennial**—lasting three or more years. Bu represents **bulbous** plant.

E represents **Evergreen**—retaining foliage the entire year.

As a large number of Biennials and Perennials, if sown early, flower the first season, this distinguishing mark (†) is affixed to such.

The hardness is denoted by the following abbreviations, but it should be understood that this is intended to apply to the climate of the Middle States. Further north or south these designations apply only in a comparative way:

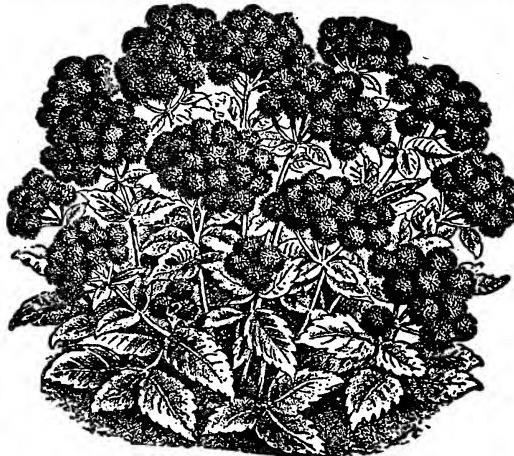
h represents **hardy**—plants for open border.

hh represents **half-hardy**—plants that require to be forwarded in pots or frames.

t represents **tender**—requiring protection.

GENERAL LIST OF FLOWER SEED

IN PRESENTING this list of Flower Seeds for your attention, every care has been taken to secure seeds from sources of supply known to us, and from our experiences and from our tests at our trial grounds, to be of the highest possible merit. Our Flower Seeds are selected with an idea of superiority of strain and we handle only the highest possible types in each respective class. We mail all Flower Seeds FREE OF COST to any Post Office in the United States.



Ageratum Mexican.

AGERATUM (Floss Flower)

ONE of the very best bedding plants, being literally a sheet of bloom from early summer till frost. Unlike many bedding plants, their flowers are not liable to be spoiled by rain, nor do the colors fade out. The various blue varieties are, without doubt, the most satisfactory bedding plants of this color for our trying climate. Easily raised from seed, which is usually started in a hotbed or window and transferred to the open ground in May. Can also be sown outdoors in May. A sowing in September will give plants to bloom all winter. Half-hardy annual.

BLUE PERFECTION—This is the darkest colored of all large-flowering Ageratums. Color deep amethyst-blue; compact growth; fine bedder. Price: Pkt., 10c.

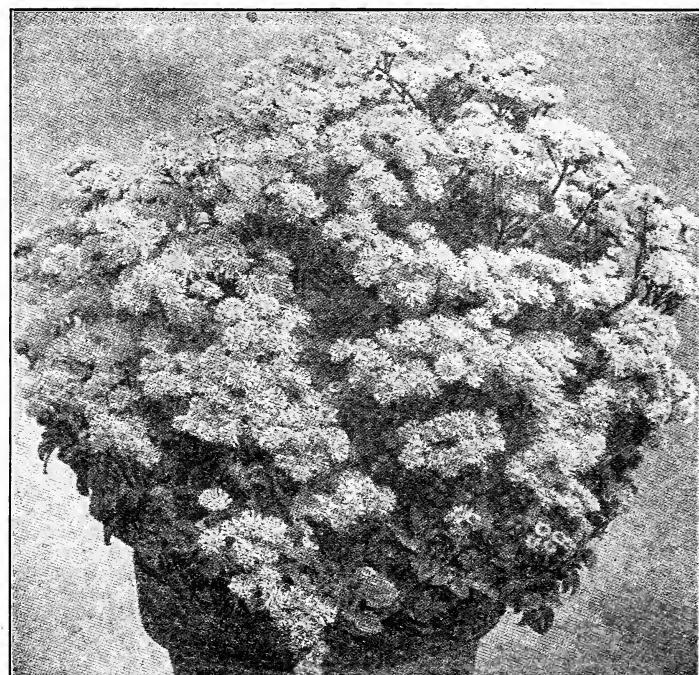
LITTLE BLUE STAR—A variety of exceedingly dwarf and even growth; the tiny bushes, not over 4 to 5 inches high, are densely covered with bright blue flowers; a fine variety for edging. Price: Pkt., 15c.

SWANLEY BLUE—Extra fine for Bedding. 9 in. Price: Pkt., 10c.

IMPERIAL DWARF BLUE—A handsome variety different from all other Tom Thumb sorts. The tiny bushy plants do not exceed 5 inches in height, with clusters of flowers of light blue, with a dark red center, changing to pure light blue. The plants are literally covered with flowers; we have counted over 200 on a single plant. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 35c.

IMPERIAL DWARF WHITE—Like above, except in color. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 35c.

MEXICAN MIXED—Blue and white, good for cutting; 18 in. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 25c.



Blue Perfection.

ACONITUM

(Monk's Hood, or Wolfsbane)

NAPELLUS BLUE—A hardy perennial, growing in any good garden soil, producing long spikes of curiously-shaped blue and white flowers. Well adapted for planting among shrubbery or in shady corners of the garden; 3 to 5 feet. Price: Pkt., 10c.

NAPELLUS WHITE—Price: Pkt., 10c.

ADLUMIA (Cirrhosa)—See Page 82.

ADONIS AESTIVALIS

(Pheasant's Eye)

BEAUTIFUL dark scarlet flowers with light center. Of easy culture and showy. Fine cut foliage. A very pretty plant. 2-3 h. A.; 1 foot. Price: Pkt., 5c.

ARCTOTIS GRANDIS

(Blue-Eyed Daisy)

ITS FLOWERHEADS, borne on long stems, the ray florets, being pure white on the upper surface, are embellished by a narrow yellow zone at their base; reverse of petals pale lilac; 2; h. A. Price: Pkt., 5c.

AMPELOPSIS (Veitchii)—See Page 82.

ANTIGONON (Leptopus)—See Page 82.



Arctotis Grandis.

ANCHUSA

(Italica, Dropmore Variety)

ONE of the finest hardy plants of recent introduction, remarkable for its free and continuous flowering and the beautiful gentian-blue color of its flowers; grows about five feet high, and should be in every hardy border. Price: Pkt., 10c.

ALYSSUM (Annual)

THIS is one of the finest hardy annuals we have, and is beloved by many on account of its modest blossoms, very similar to white forget-me-nots. It is pleasantly fragrant, and just the thing for personal adornment or the breakfast table. It begins to blossom early in the season and blooms more or less constantly until Fall.

SWEET ALYSSUM—(A. Maritimum)—Of trailing habit; flowers white. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 25c.

CARPET OF SNOW—We know of no other white flower which is so particularly well adapted to borders, ribbons, etc., as our Carpet of Snow Alyssum. The plants commence to bloom when quite small, and will flower all Summer long, till late in the Fall. This habit, with its fragrance, makes it indispensable. h. A. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 35c.

LITTLE GEM—The best variety for bedding. Very dwarf and compact. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 35c.

LILAC QUEEN—A distinct, new annual variety with pure lilac colored flowers. The plants are of dwarf, compact growth and are equally as useful for carpet bedding and edgings as the dwarf white varieties. Price: Pkt., 10c; 3 Pkts. for 25c.

SAXATILE—Hardy. A grand new variety of exquisite coloring. This new variety forms a perfect little bush with miniature flowers in great masses, of a bright yellow. This species is a hardy perennial, but blooms the first season from seed if sown early, grows about 12 inches high. Price: Pkt., 5c.



Anemones.

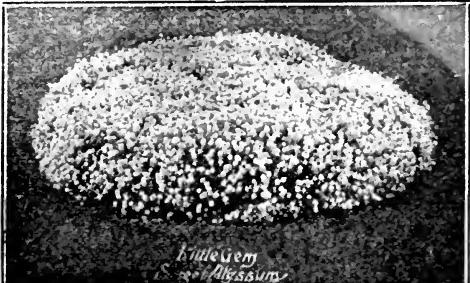
ANEMONE (Windflower)

AVERY pleasing perennial, producing large flowers; few plants compare with them in beauty; fine for bouquets. Sow outdoors in Spring, keeping shaded till the plants appear. P.

CORONARIA, Mixed Colors—Price: Pkt., 5c.

ARABIS (Rock Cress)

ALPINA NANA COMPACTA—One of the first flowers to bloom in the Spring. Pure white, low, compact, carpet-like growth, useful for rockeries and the edge of a bed of perennials. For covering graves is unexcelled. 1 to 3 h. P. Price: Pkt., 10c.



Little Gem
Alyssum

ANTIRRHINUM (Snapdragon)

Perennial, 3 ft.

THE Antirrhinum now rivals the sweet pea in popularity, and is grown extensively under glass as well as for bedding-out. The tall, graceful spikes are excellent for vases and general decorative purposes. Planted in beds, borders, or among shrubbery, they present a most striking effect.

IMPROVED GIANT-FLOWERING TALL VARIETIES

THE varieties offered below are the best and most improved of largest-flowering sorts. The blooms are double the size of the older kinds.

SILVER-PINK—A new color of great merit. Greenhouse-grown seed. A striking and lovely variety; a soft, silvery pink, the most pleasing and effective color yet introduced. The seed we offer is saved from carefully selected spikes grown under glass. Price: Pkt., 10c; 3 for 25c.

GIANT VENUS—A delicate shade of pink. Price: Pkt., 10c; 3 Pkts., for 25c.

GIANT PURPLE KING—The best Antirrhinum yet produced. It is of robust habit, the flowers being almost twice the size of any existing variety; the color is a deep, glowing purple, and they are borne in splendid spikes. Price: Pkt., 15c; 2 Pkts. for 25c.

GIANT QUEEN VICTORIA—Very large; pure white. Price: Pkt., 10c.

	Pkt.
Giant White	\$0.05
Giant Pink	.05
Giant Scarlet	.05
Giant Striped	.05
Giant Yellow	.05
Giant Mixed	.05

LARGE-FLOWERING HALF-DWARF VARIETIES

A splendid type, growing about 18 inches high, the best for bedding purposes:

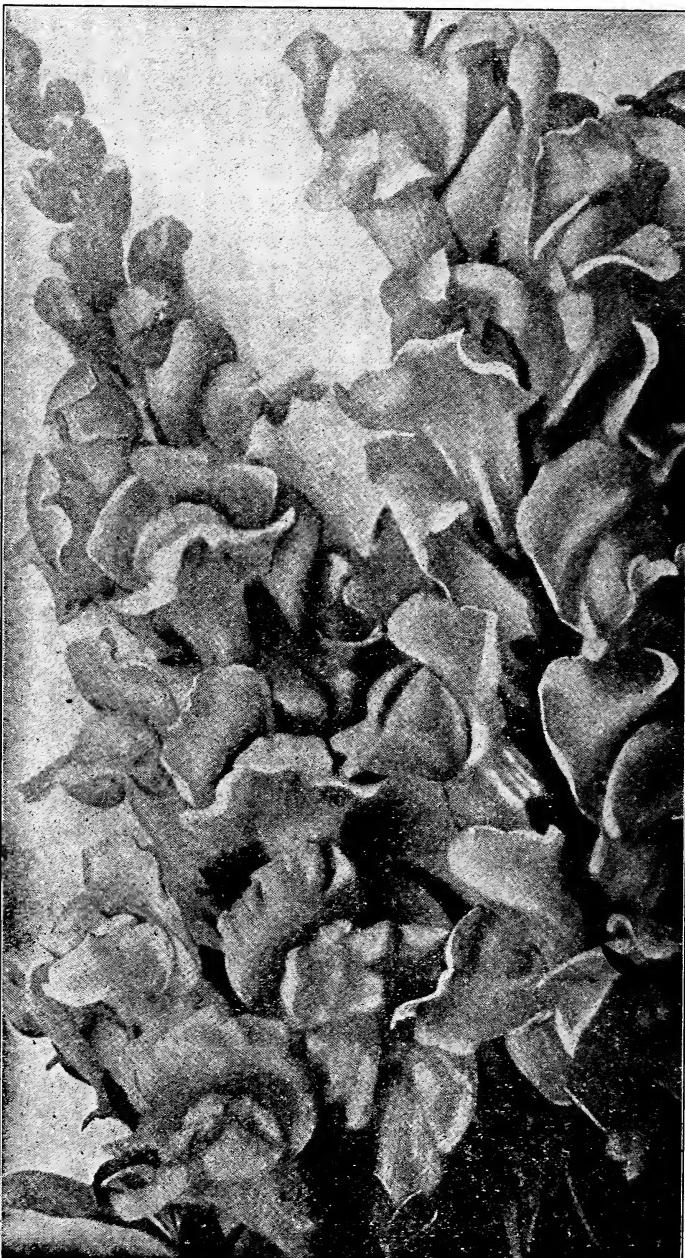
	Pkt.
Daphne.	Soft blush pink \$0.10
Defiance.	Orange or russet red .10
Golden Queen.	Rich, pure yellow .10
Crimson King.	Rich, deep red.. .10
Rose Queen.	Rich rose .. . . . . .10
The Bride.	Pure white .. . . . . .10
Half-Dwarf Mixed.	All the colors. .10
TOM THUMB VARIETIES, Mixed Colors—Only 1 foot high.	Price: Pkt., 5c.

AMARANTHUS

Beautiful colored foliage plants; succeeds best in sunny, dry locations.

TRI-COLOR (Joseph's Coat)— Makes a very pretty effect when used the same as Coleus. Keep it cut back to produce a symmetrical plant for edging; red, yellow and green; 2-3; t. A. 3 feet. Price: Pkt., 5c.

CHOICE MIXED—Price: Pkt., 5c.



Antirrhinums.

AQUILEGIA (Columbine)

NO HARDY plant grown from seed is more easily handled than the Columbine.

Seed may be planted in the open ground early in Spring, and will, in the case of the single varieties, bloom the same season; or they may be planted in August or September, and will come up early in Spring and make vigorous plants, which will bloom abundantly during late Spring and early Summer. H. P.

CALIFORNIA HYBRIDS — Exquisite flowers, in yellow and orange shades, all with low spurs. Price: Pkt., 10c.

ST. L. S. CO. LONG-SPURRED HYBRIDS

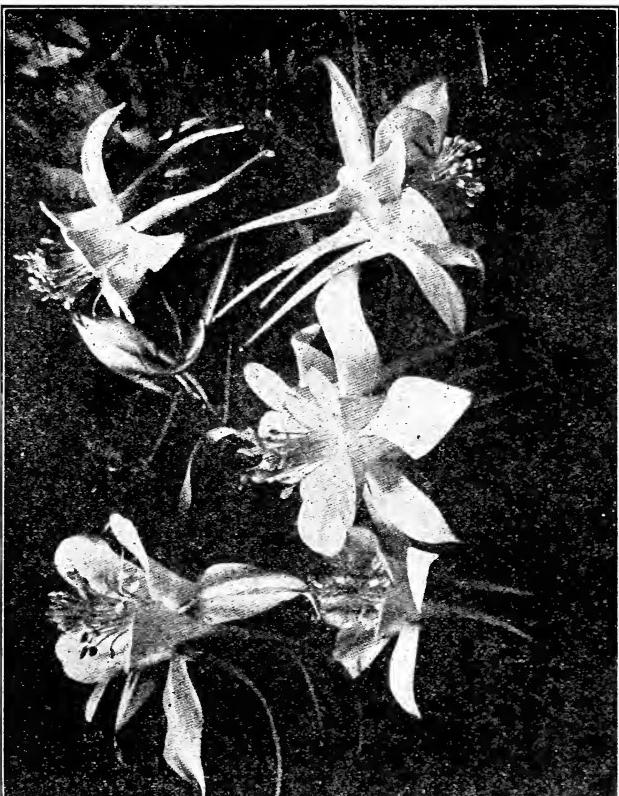
THIS beautiful strain of Columbines comprises new and pleasing shades and combinations, ranging through all the shades of lavender, blue, mauve, white, yellow, orange, scarlet and bright rose-pink. The plants are perfectly hardy, vigorous and stately growth, produce abundantly large and elegantly shaped flowers with long spurs. Seed may also be sown outdoors in fall. Price: Pkt., 10c.

CHRYSANTHA (Golden Spurred) — Pkt.
Golden-yellow \$0.10

CHRYSANTHA ALBA—Beautiful pure
white10

DOUBLE—All colors mixed10

SINGLE—All colors mixed05



Aquilegia.

ASPARAGUS

PLUMOSUS NANUS—Probably the most popular house plant today. We sell thousands of florists who grow the pot plants. You can grow it for yourself and neighbors. The leaves are bright green, gracefully arched, surpassing Maidenhair Ferns in grace, delicacy of texture and richness of color. G. P. Price: Pkt., 10c.

SPRENGERI—Similar to Plumosus in coloring, only harder and more easily grown: 1 g. P. Price: Pkt., 10c.



Begonia Everblooming, Vernon.

BEGONIA

A BEAUTIFUL flower of various colors. Blooms in constant profusion from early Summer until late Fall, and an excellent plant for Winter blooming. T. P.

ERFORDIA—This variety of Begonia takes a rank as a bedding plant with Geraniums and Coleus, doing equally as well in full sunlight. As pot plants for winter flowering they are superb, remaining a sheet of bloom throughout the entire year. Easily raised from seed, which should be started either indoors or in a hotbed. Price: Pkt., 15c; 2 for 25c.

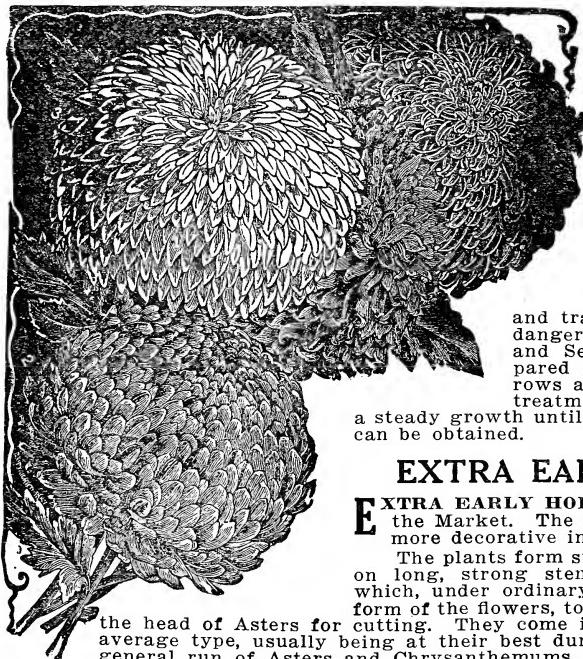
LUMINOSA—Brilliant, fiery dark scarlet; very bright. Price: Pkt., 15c; 2 for 25c.

DWARF VERNON—Bright orange-carmine flowers, deep red foliage. Price: Pkt., 15c; 2 for 25c.

GRACILIS MIXED—Similar to above, mixed. Price: Pkt., 10c.

BRACHYCOME (Swan River Daisy)

IBERIDIFOLIA MIXED—Very effective in edgings, beds, and rustic backets. Good for house culture in winter. Always in full bloom. hh. A. Price: Pkt., 5c.



the head of Asters for average type, usually being at their best during September, and filling in the gap between the general run of Asters and Chrysanthemums.

QUEEN OF THE MARKET ASTER

AN EXTRA early variety, bearing large double flowers; plants of branching habit, having long stems. 2 ft.

	Price	Pkt.
White05
Lavender05
Lt. Blue05
Crimson05
Pink05
Mixed05

OSTRICH PLUME ASTER

THIS magnificent Aster produces flowers of immense size, made up of long, loosely formed petals. Blooms in August. When used for cutting, the flowers should be picked when about half expanded and allowed to develop in water in a cool room. Mixed, all colors. Price: Pkt., 10c.

HOHENZOLLERN or CREGO ASTERS

THE Hohenzollern or Crego Asters have large flowers, with long, narrow, loose petals called Comet type and grow in a variety of colors. The plants are of the branching family and are very vigorous and productive. They bloom in mid-season or just before the Late Branching. We list below the Hohenzollern in their different beautiful colors.

	Price	Pkt.	1/4 Oz.
White	\$0.10	.50
Rose10	.50
Lt. Blue10	.50
Crimson10	.50
Dk. Blue10	.50
Mixed10	.50

ST. LOUIS SEED CO.'S SUPERB ASTERS

(Annual)

ASTERS will thrive in any good soil, prepared in the same way as you would for a crop of vegetables, but it is well to remember that any extra care taken in the preparation of the soil is repaid by finer plants, larger blooms, with longer stems and more profuse flowering. They should have an open, sunny position, and prefer a good, heavy, loamy soil. For early flowering, seeds should be started in a sunny window, hotbed or coldframe in April and transferred to their place in the garden as soon as danger of frost has gone by. For August (midseason) and September (late) sow seeds outside in finely prepared ground in May, thinning out to one foot in the rows and two feet between. With the above prescribed treatment and frequent cultivation of plants to insure a steady growth until flowering, excellent large blooms with long stems can be obtained.

EXTRA EARLY HOHENZOLLERN ASTER

EXTRA EARLY HOHENZOLLERN ASTERS are earlier than Queen of the Market. The stems are more slender and the flowers are much more decorative in character.

The plants form strong, branching bushes, 2 to 2½ feet high, bearing on long, strong stems their handsome Chrysanthemum-like flowers, which, under ordinary cultivation, averages over 5 inches across. The form of the flowers, together with the length of the stems, places them at cutting. They come into bloom from two to three weeks after the being at their best during September, and filling in the gap between the

	Price	Pkt.	1/4 Oz.	Price	Pkt.	1/4 Oz.
Dark Blue	\$0.10	.50	Rose	.....	.10
Light Blue10	.50	White	.....	.10
				Finest Mixed	.....	.10
						.50



Hohenzollern Aster.

ST. L. S. CO. NOVELTY MIXED ASTERS

THIS superb mixture is composed of all new novelties of recent introduction. The plants form strong, branching bushes, 2 to 2½ feet high, bearing on long, strong stems their handsome Chrysanthemum-like flowers. Price: Pkt., 15c; 2 Pkts., for 25c.

GIANT COMET ASTERS

FLOWERS of immense size, often 6 inches across, composed of long, wavy, twisted petals, gracefully formed into loose, yet densely double half-globes. Each plant bears 15 to 20 flowers on very long stems, making them especially valuable for cutting.

	Pkt. ¼ Oz.	Pkt. ¼ Oz.
White	\$0.10	\$0.50
Rose . . . . .	.10	.50
Light Blue . . . . .	.10	.50
Mixed . . . . .	.10	.50



St. L. S. Co.'s Late Branching Aster.



Giant Comet Aster.



Dwarf CHRYSANTHEMUM- FLOWRED ASTERS

Bushy plants, 9 inches high, bearing large perfectly double flowers, fine for either gardens or pot culture.

FINEST MIXED COLORS, PKT., 5c.
HARDY PERENNIAL ASTER
—Mixed. (Michelmas Daisies) — Single fall-flowering hardy herbaceous plants, thriving in any good garden soil. If sown early they will flower the first season; 3 ft. Price: Pkt., 10c.

CHINA ASTERS

SINGLE MIXED—This mixture was saved from the many sorts and colors grown on our trial grounds the past season. Price: Pkt., 5c.

ASTERMUM

A strain of Comet Asters which on account of their immense size and Chrysanthemum-like appearance have been appropriately named Atermums. They attracted great attention when they were first exhibited three years ago and have become increasingly popular ever since.

The plants grow about three feet high with strong stems and few of the flowers are less than five inches in diameter. **CHOICE MIXED COLORS.** Price: Pkt., 10c.

BALSAM (Lady Slipper)

AN OLD favorite garden flower, producing its gorgeous masses of beautiful, brilliant-colored double flowers in the greatest profusion; of easiest culture; succeeds in a good, rich soil. Tender annuals. 2 feet. Start the seed indoors in April, or sow out-of-doors in May.

ROSE FLOWERING—Mixed. Price: Pkt., 5c.

CAMELLIA FLOWERING MIXED—The finest mixture possible to combine, representing the best selections from the most celebrated specialists of Europe. The flowers are very large, measuring from two to three inches in diameter, of perfect form, resembling the flower of the Camellia, and are as double, in fact, the petals are so densely produced that the yield of seed is extremely small, one single plant often producing not more than five seeds. The colors of the flowers are varied and brilliant, comprising pure white, crimson, white shaded lilac, rose, spotted, scarlet, blue, purple and many other tints. Price: Pkt., 10c.

CAMELLIA—FLOWERED PRINCE BISMARCK—Salmon pink. Very double. A pleasing color. Price: Pkt., 10c.

BALLOON VINE (Love-in-a-Puff)—See Page 82.

BALSAM VINE—See Page 82.

BEAN SCARLET RUNNER—See Page 84.



Balsam.

BELLIS OR DOUBLE DAISY

GREATLY improved varieties of the popular "Double Daisies." Admirably adapted for edgings, borders and low beds, and also well suited for growing in pots. Although perennials, they will flower the same season if the seed is sown early, though it is preferable to sow in fall, and winter the plants in cold frames. Height, 6 inches.

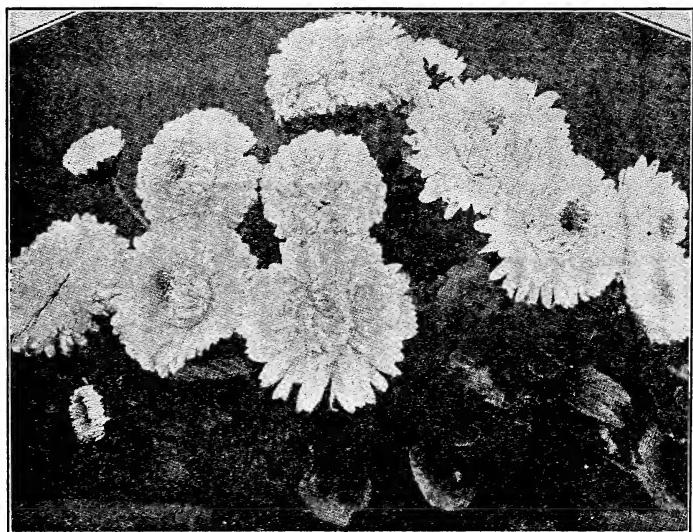
LONGFELLOW, ROSE—Extra large double rose-pink flowers. Price: Pkt., 10c.

SNOWBALL, WHITE—Unusually large very double, pure white flowers. Price: Pkt., 10c.

DOUBLE, MIXED COLORS—Price: Pkt., 10c.

BROWALLIA

SPECIOSA MAJOR—This new sort is without doubt the most beautiful of all the Browallias. The plants grow only about a foot high and form dense little bushes, which are covered with an abundance of the most delightful sky-blue flowers. Price: Pkt., 10c.



Bellis of Double Daisy.

CACALIA

(Tassel Flower)

A PRETTY free-blooming plant with tassel-shaped flowers, also called Devil's Paint Brush. Of easy growth; annual; 18 inches. Price: Pkt., 5c.

CALCEOARIA

COLORS—Yellow, maroon, white, etc., spotted and blotched in the most unique fashion. 1½ feet. Large Flowered Hybrids. Price: Pkt., 25c.

CAMPANULA

(Canterbury Bells)

VERY beautiful, hardy, herbaceous perennial, bearing a great profusion of attractive Bellflowers; thrives best in light, rich soil; some of the varieties flower first season if sown early.

MEDIUM CALYCANTHENA.

	Pkt.
Blue	\$0.05
White .....	.05
Rose .....	.05
Striped .....	.05
Mixed .....	.05

CANNA

CANNAS are famous for their luxuriant growth and immense Gladiolus-like flowers of most brilliant colors; their profusion and continuity of bloom under all climes and conditions render them easily the most useful, showy and universally popular garden plants grown. Price: Pkt., 10c.

CARNATIONS

CARNATIONS are general favorites for their delicious fragrance and richness of colors. They are indispensable, both for greenhouse culture in winter and for the garden in summer. The Marguerite and Chabaud's types are the best for summer flowering.

CHABAUD'S EVER-BLOOMING MIXED—Resembles the Marguerite Carnation, but is perpetual growing or perennial. Exquisite colors, large flowers. Price: Pkt., 20c.

GIANT-FLOWERING MARGUERITE MALMAISON—The flowers of this wonderful strain often measure 3 inches across, and are usually as double as double can be. The variety of color includes white, blush, deep pink, salmon, carmine, scarlet, dark crimson, maroon, and many beautifully variegated flowers. Price: Pkt., 15c.

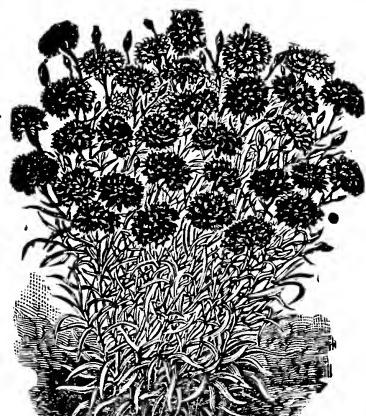
MARGUERITE WHITE	Pkt. \$0.10
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MARGUERITE RED10
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MARGUERITE YELLOW10
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MARGUERITE MIXED—These beautiful Carnations succeed in any good situation. Exquisite in color. Price: Pkt., 5c; $\frac{1}{4}$ Oz., 25c.

FINEST DOUBLE MIXED—About 1 foot. Price: Pkt., 10c.



Carnation



Calliopsis.

CANDYTUFT (Iberis)

THE Candytuft is almost as fragrant as the sweet alyssum and very popular. Very useful as a bedding plant or for border work. Sow outdoors in April, where they are to bloom, and thin well when the plants grow about 1 inch. Sow also in July for fall blooming. Where grown in rows best results for cut-flowers can be obtained only by giving the plants at least a foot apart in the rows and $1\frac{1}{2}$ feet between the rows.

EMPEROR—The best pure white and the best for cut flowers; fragrant. Price: Pkt., 5c.

MIXED—Price: Pkt., 5c; $\frac{1}{2}$ Oz., 25c.

(Hardy Candytuft)

GIBRALTARICA HYBRIDA—White flowers, shading to lilac. Price: Pkt., 10c.

SEMPERVIRENS—A profuse, white-flowering, hardy perennial, coming in flower early in the spring; much used for cemeteries, rockeries, etc. 1 foot. Price: Pkt., 10c.

CLARKIA

THIS pretty and easily grown annual has been much improved in recent years, growing 2 to $2\frac{1}{2}$ feet high, with leafy racemes of double flowers. Price: Pkt., 5c.

CLEMATIS VINE—See Page 81.

COBEA SCANDENS (Cup-and-Saucer Vine)—See Page 82.

CALLIOPSIS

ONE of the most showy flowers, very easily grown; will thrive almost anywhere without trouble or care. A favorite for the home yard or lawn. H. A.

FINE MIXED—Valuable for mixed beds and borders. About 1 ft. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 25c.

SUPERB HYBRIDS, MIXED—Unlike other varieties, this is a fine bedding plant, besides being useful for bouquets. The colors are richer and more varied. About 14 inches. Price: Pkt., 10c.

DRUMMONDI—Rich golden yellow. Price: Pkt., 5c.

GOLDEN RAY—Dwarf, compact plants, not over 9 inches high, covered with flowers of rich maroon, edged with golden yellow and having twisted petals like a Cactus Dahlia. Price: Pkt., 5c.

CANARY BIRD VINE—Page 82.

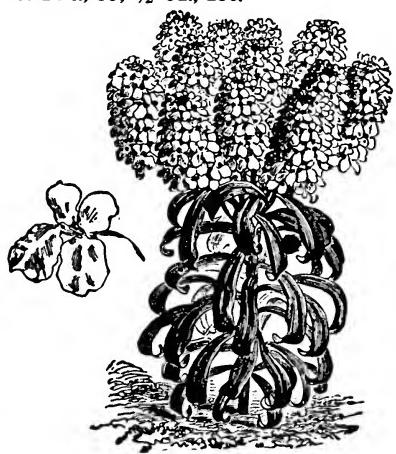
CALENDULA H. A.

LARGE double flowers, blooming all Summer, closing sometimes at night and opening slightly on cloudy days; flowers borne on long, stiff stems. 2 ft.

PRINCE OF ORANGE—Golden yellow. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 25c.

METEOR—Creamy center, edged with orange. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 25c.

DOUBLE MIXED—Price: Pkt., 5c; $\frac{1}{2}$ Oz., 25c.



Candytuft.



Chinese Woolflower.

each bearing a ball of scarlet wool, but not so large as the central one. All these branches support numerous laterals with small heads of bloom mixed with fresh green foliage, so that a plant looks like an immense bouquet splendidly arranged and set in the ground. None of the blooms fade in any way, until hit by frost; but all continue to expand and glow with a deepening richness of color, a deep crimson scarlet.

Start seed, if convenient, under glass about four weeks before time to transplant to the garden. If the little plants remain too long in pots or seed-beds, they will begin to set bloom, which is not desirable. Transplant to the garden as soon as danger of frost is past. Price: Pkt., 10c; 3 for 25c.

CHRYSANTHEMUMS

This seed will produce Blooming Plants the First Season.

THE real beauty of these Royal Flowers of the Orient is well known. There are many people, however, who do not realize how easily they may be grown from seed, and that all of the magnificent new varieties were raised from hybridized seed, similar to that which we are now offering.

CORONARIUM DOUBLE MIXED—One of the latest introductions in the Chrysanthemum world. Owing to its magnificent golden yellow and white shades it is fast becoming a florist favorite. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 25c.

MAXIMUM KING EDWARD VII (Moonpenny Daisy)—Considered the finest of all, with flowers of extraordinary size, of purest white, perfect form, and exceedingly free-flowering. A splendid addition to this useful hardy perennial. Price: Pkt., 10c; 3 for 25c.

BRIDAL ROBE—Of very compact and upright habit; 10 inches in height; the sturdy plants throw out their finely feathered foliage from the base and deck themselves with a mantle of extra double pure white flowers. Price: Pkt., 15c.

CINERARIA

MAGNIFICENT flowering plants for spring decorations for the conservatory or window garden. The flowers measure 2 to 3 inches across, are of white, blue, violet and crimson shades; usually two or more colors are shown in one flower, covering the plant with a sheet of blooms. H. H. P.

GIANT PRIZE—Our best. Price: Pkt., 20c.

MARITIMA CANDIDISSIMA (Dusty Millers)—These, as well as the white-leaved Centaureas, are called "Dusty Millers." Fine for bedding, ribbon-beds and margins; prized for their beautiful downy, silvery foliage; half-hardy perennials; 2 feet. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 25c.

CELOSIA (Coxcomb)

BEAUTIFUL plumes of brilliant colors, hh. A. Being fine for vases, and of splendid foliage. Celosia is the finest of all novelty plants, producing very large ostrich-feather-like plumes.

THOMPSON'S MAGNIFICA—A new improved strain. Colors: Golden Yellow, Fiery Scarlet, Purple, Salmon, Blood-red, etc. Price: Pkt., 10c.

OSTRICH PLUME CRIMSON—Price: Pkt., 5c.

OSTRICH PLUME GOLDEN—Price: Pkt., 5c.

CELOSIA, CRISTATA (Coxcomb)—They make attractive beds planted a mass or as a border for other plants. May be dried and kept for years, still retaining their color. Combs often more than 1 foot wide. hh. A.

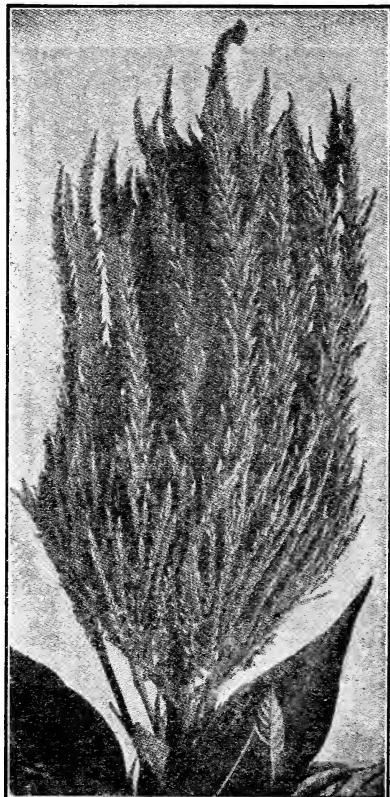
DWARF MIXED—Price: Pkt., 5c.

GLASGOW PRIZE—The best dwarf crimson sort, with handsome dark foliage. Combs very large and solid. Price: Pkt., 10c.

CHINESE WOOLFLOWER

THIS novelty was introduced last year and has proved a great success everywhere. There is not the slightest doubt but that it is the most magnificent garden annual ever introduced. Its ease of culture and long continued season of bloom, (early July until frost), together with its massive bunches of wool-like flowers and glowing color combine to make it the showiest as well as the most odd and novel flower of most any garden.

Plants grow two to three feet high, the bloom starting early with a central head, round and globular, which often reaches the immense size of two feet in circumference. Scores of branches are thrown out,



Celosia, Thompsonii Magnifica.

CENTAUREA

(Corn Flower or Bachelor's Button.)

THIS favorite, old-time flower is also known as Ragged Sailor, Blue Bottle, etc. It is a free flowering bloomer, very showy, growing from 2 to 3 feet high and are largely used for cut flowers. It grows in any soil and almost equals the Aster popularity. h. A.

CYANUS EMPEROR WILHELM—Rich, deep blue. 1½ feet. Price: Pkt., 5c; ½ Oz., 25c.

CYANUS SINGLE MIXED—Contains all the popular colors. 1½ feet. Price: Pkt., 5c; ½ Oz., 25c.

CYANUS DOUBLE MIXED—A much better strain than the above. Bunch this with Sweet Peas and it makes a pretty combination. Price: Pkt., 10c; ½ Oz., 50c.

DOUBLE BLUE—This was introduced in 1907, and is now a standard variety and largely used by the commercial florist, who quickly recognized its value as a cut flower. Price: Pkt., 10c; 3 Pkt. for 25c.

MOSCHATA, or SWEET SULTAN—A beautiful new variety, similar to Marguerite, producing freely large, graceful, fragrant flowers on long stems; height about 1½ feet. Price: Pkt., 5c.

IMPERIALS (Giant Royal Sweet Sultans)—This is a new type of annual Centaurea. Bushes are from 3 to 4 feet in height, flowers are finely fringed, soft and feathery, and frequently 3 inches across. Fine for cutting and of a strong, hardy constitution. Mixed, all colors. Price: Pkt., 5c.

ODORATO MARGUERITE—Distinct from all other varieties. Flowers pure white; exceedingly fragrant; long stems. The centers are full and double. Grows quite bushy and of the easiest culture. Price: Pkt., 5c.

CANDIDISSIMA—Ornamental Leaved Centaurea. (Dusty Miller)—For bedding, hanging baskets and pots and for edging of beds where white basket foliage is desired. Easily raised from seed. Silvery white, finely cut leaves. 1 foot. Price: Pkt., 10c.

GYMNOCARPA—Leaves not so white as the above. 1½ feet. Price: Pkt., 5c.



Centaurea.

COREOPSIS

LANCEOLATA GR. FL.—One of the finest hardy garden plants grown, forming large clumps 2 to 3 feet high, and increasing in beauty, luxuriance and floriferousness each year, though it flowers the first season from seed sown early, producing immense, long-stemmed, rich yellow flowers, shaded with orange, flowering in profusion for a long period during the summer; unequalled for cutting; grows anywhere. Price: Pkt., 5c; ½ Oz., 25c.



Coreopsis.

CLEOME (Giant Spider Plant)

LARGE spikes of rosy carmine flowers. Large bushy plants; 3 to 4 feet high. h. A.

GIGANTEA—The finest strain. Price: Pkt., 5c.

COLEUS

OLEUS grown from seed make very thrifty plants the first season. For sub-tropical groups the endless variety and combinations of brilliant colors are very captivating. Price: Pkt., 20c.

COTTON

GROWN extensively for decorating purposes. Very showy and attractive. Price: Pkt., 5c; Oz., 15c.

CUPHEA (Cigar Plant)

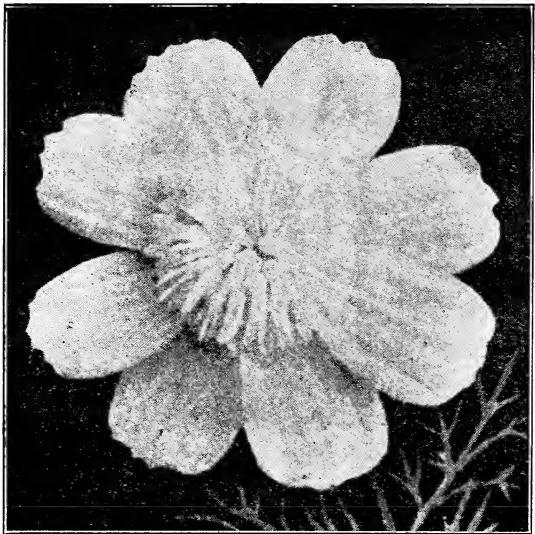
AVERY pretty border plant. Very showy for borders and bedding. Dwarf habit, h. A. G.

PLATYCENTRA—A favorite Cuphea. Price: Pkt., 10c.

CYPERUS (Umbrella Plant)

TERNIFOLIUS—An excellent plant for growing in water and damp places; makes a very ornamental house plant, always presenting a green and attractive appearance. Price: Pkt., 10c.

CYPRESS VINE—See Page 82.



Double Cosmos.

GIANT FLOWERING

THIS long-stemmed flowers are of immense size, frequently measuring 5 inches across. The petals are broadly oval and overlap, forming a circular flower of perfect symmetry, having splendid substance of lasting qualities. Unsurpassed both for garden decoration and as cut flowers. Very effective for autumn flowering in broad masses or backgrounds.

GIANT FLOWERING LATE, 6 ft.

	Pkt.	1/2 Oz.
Fineest Mixed	\$0.10	\$0.25
Pink .....	.10	.25
Crimson .....	.10	.25
White .....	.10	.25
Orange (Klondyke) .....	.10	.50

LADY LENOX COSMOS

The Highest Development in Cosmos.

THIS long-stemmed flowers are of immense size, frequently measuring 5 inches across. The petals are broadly oval and overlap, forming a circular flower of perfect symmetry, having splendid substance and lasting qualities. Unsurpassed both for garden decoration and as cut flowers; height 6 to 7 feet.

LADY LENOX, PINK—Lovely shell-pink, lighting up well at night. Price: Pkt., 10c; 1/2 Oz., 30c.

LADY LENOX, WHITE—A fine pure white selection from the above. Price: Pkt., 10c; 1/2 Oz., 30c.

DOUBLE COSMOS

THESSE new hybrids form bushy plants 5 to 6 feet high and flower profusely during the autumn months. Only 40 to 50 per cent of the plants will bear double flowers, the balance producing large single blossoms, the reason being that the double flowers are pistillate—having no stamens and consequently bear no pollen—so to produce seed must depend upon staminate singles for pollination. The progeny therefore comes about half doubles and half singles. Double Cosmos flowers aside from their novelty and beauty are of lasting substance, both on the plants and as cut flowers.

DOUBLE PINK BEAUTY—Price: Pkt., 10c.

DOUBLE WHITE QUEEN—Price: Pkt., 10c.

COSMOS

THIS beautiful annual is one of the most showy and useful of our garden plants. Plants grow from 4 to 6 feet in height, and are very bushy and compact. Flowers borne on long delicate stems and are similar to single dahlias. Foliage very finely cut. Excellent for cutting.

MAMMOTH EARLY COSMOS

THE long-stemmed flowers are of immense size, frequently measuring 5 inches across. The petals are broadly oval and overlap, forming a circular flower of perfect symmetry, having splendid substance and lasting qualities. A hardy and rapid growing annual, forming bush-like plants with feathery, green foliage five to six feet high, covered with large flowers somewhat resembling the single dahlia. Sow outdoors early in spring in rather light soil, not too rich, and preferably in a sunny situation. Cover the seed with one-fourth to one-half inch of fine soil firmly pressed down.

	Pkt.	\$0.10
Mammoth Early Crimson	"	.10
" " White	"	.10
" " Pink	"	.10
" " Mixed	"	.10

HYBRIDA FINEST MIXED—Seed if sown in March and April will flower during July. Our seed is all grown in New England from our special strain. 4 ft. Price: Pkt., 5c; 1/2 Oz., 25c.



Cosmos.

DAHLIA

DAHLIAS can be grown easily from seed so as to produce flowers the first year. This is as true of double Dahlias as of single. In the Dahlia are combined more desirable qualities than are found in almost any flower grown in the open ground. It can be had in perfection from June until cut down by frosts. In it can be found not only every imaginable color except blue, but the most beautiful combination of colors and marvelous blending of shades and tints imaginable. As a cut flower the Dahlia is unsurpassed, owing to its great diversity of bloom and the brilliant luster of its colorings.

Pkt.

DOUBLE MIXED	\$0.10
SINGLE MIXED .....	.05
CACTUS MIXED.....	.10

DATURA

ANGEL'S "TRUMPET"—A new annual variety and exceedingly fine, bearing great trumpet-like flowers, 6 to 8 inches long, with double frilled interiors; sweet-scented; plants 4 feet high, bushy and free-flowering, of fine sub-tropical effect in the garden. Mixed. Price: Pkt., 5c.

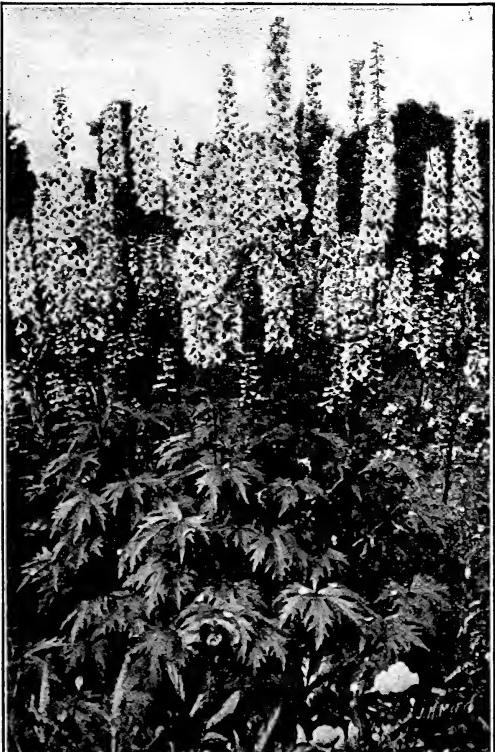
DIGITALIS (Foxglove)

HANDSOME and highly ornamental hardy plants of stately growth, succeeding under almost all conditions, and with but little attention will give a wealth of flowers during June and July. 3 to 5 feet.

GLOXINIAEFLORA MIXED—This is a fine strain of the ordinary Foxglove, with handsome spotted Gloxinia-like flowers on long spikes. Price: Pkt., 5c.



Dahlia.



Delphinium.

DELPHINIUM

(Perennial Larkspur)

THERE is perhaps no better known hardy plant than the Delphinium. The beautiful flowers borne on tall stately spikes are a gorgeous sight and a charm to the garden. Sow seeds in early spring in shallow boxes indoors or in a hotbed. Set out 6 inches apart in the garden. In the fall they may be lifted and set out in groups of colors; three or four plants at a distance of 3 feet apart, in the rear of hardy perennials, where they make a fitting background.

BELLADONNA—This is one of the finest and most continuous-blooming hardy Larkspur. The clear turquoise-blue of its flowers is not equalled for delicacy and beauty. Price: Pkt., 15c; 2 PKTS. for 25c.

HYBRIDUM BELLADONNA—A greatly improved variety of the "Belladonna" Larkspur; it retains the early and continuous blooming habit and the light azure-blue color, but the flowers are much larger, of better substance and the stems are from 5 to 7 feet high, the upper 2 to 3 feet form a huge branching raceme of fine, well-placed flowers. There is nothing like it amongst all the hundreds of new hybrids. Price: Pkt., 10c.

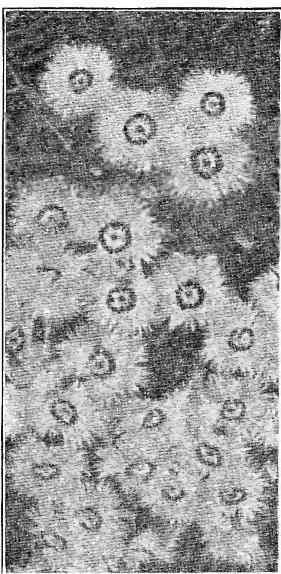
ST. L. S. CO.'S NEW HYBRIDS—This splendid strain is of strong, vigorous habit, with immense spikes from 2 to 3 feet long, of large flowers mostly in fine shades of light blue. Price: Pkt., 10c.

CHINENSE BLUE—A distinct and neat variety, growing about 18 inches high, with fine, feathery foliage, and producing freely spikes of large blossoms of intense gentian-blue. Price: Pkt., 5c.

CHINENSE ALBUM—The white-flowered form of the preceding. Price: Pkt., 5c.

CHINENSE MIXED—Price: Pkt., 5c.

FORMOSUM—Large; rich dark blue, white center; borne on spikes 2 to 3 feet tall; one of the most popular varieties. Price: Pkt., 10c.



Single Dianthus.

DIANTHUS or PINKS

DTHE family of Pinks is unrivaled for brilliancy and rich variety of color; the plants are bushy, of symmetrical form—blooming profusely until fall, rendering them most satisfactory for summer flower gardens. Sow out-of-doors when danger of frost has passed and they will, in several weeks become a mass of bloom, continuing until frost.

DOUBLE ANNUAL VARIETIES

CHINENSIS FL. PL. (China, or Indian Pink)—Blooms in clusters, flowers very double and bloom in a large range of bright colors. Price: Pkt., 5c; $\frac{1}{4}$ Oz., 25c.

DIADEMATIS FL. PL. (Double Diadem Pink)—Beautiful double flowers; mixed of various tints of lilac, crimson purple; outer edges fringed. Price: Pkt., 5c; $\frac{1}{4}$ Oz., 25c.

HEDDEWIGH FL. PL. (Double Japan Pink)—Double mixed, color varying from richest crimson to most delicate rose. Price: Pkt., 10c; $\frac{1}{4}$ Oz., 40c.

HEDD, DOUBLE ATROPURPUREA—Crimson. Price: Pkt., 10c; $\frac{1}{4}$ Oz., 40c.

FIREBALL—New. Extra double brilliant dark scarlet, very beautiful. Price: Pkt., 10c; $\frac{1}{4}$ Oz., 50c.

SNOWBALL—Large double white; excellent for border or cutting. Price: Pkt., 10c; $\frac{1}{4}$ Oz., 50c.

LACINIATUS FL. PL. (Double Fringed Pink)—Large double flowers, edges fringed; in a great variety of colors. Price: Pkt., 10c; $\frac{1}{4}$ Oz., 50c.

SINGLE ANNUAL VARIETIES

THESE single sorts contain many beautiful varieties, flowers often measuring 2 to 3 inches in diameter, and are very effective for borders or beds.

LACINIATUS (Single-Fringed Pink)—A beautiful fringed variety; various colors. Price: Pkt., 5c; $\frac{1}{4}$ Oz., 25c.

DOLICHOS VINE—See Page 84.

HARDY GARDEN PINKS (Dianthus)

LARGE Double-flowering Grass or Spice Pinks. These are great improvements over the charming time-honored inhabitants of old-fashioned gardens. The flowers are large and borne profusely on short, stiff stems. In these new pinks we have a large variety of colors and markings; the color, of course, refers to the center of the flower, the remainder being white or blush with a band of color near the margin; the colors include blood-red, rose, maroon, purple, pink, blush, spotted, laced, variegated, etc. They are excellent perennial garden plants, about 1 foot high, vigorous, hardy.

PLUMARIUS, DOUBLE MIXED—Price: Pkt., 10c.

PLUMARIUS, SINGLE MIXED (Pheasant's Eye)—Price: Pkt., 5c.

EUPHORBIA (Poinsettia)

Beautiful plant of exquisite colorings. h. A.

VARIEGATA (Snow-on-the-mountain)—Is very popular. Green foliage, veined and margined white; 2 to 4 feet. Price: Pkt., 5c.

HETEROPHYLLA (Mexican Fire Plant or Fire-on-the-Mountain)—An annual, resembling the beautiful hothouse poinsettia in habit and color. About 3 feet. Price: Pkt., 5c.

ERISIMUM

THIS Annual Border Plant is one of the sweetest scented annuals in cultivation. It is of a beautiful orange yellow coloring. h. A. 3 feet.

PEROFSKIANUM—The favorite orange coloring. Price: Pkt., 5c.

ESCHSCHOLTZIA (California Poppies)

BEAUTIFUL and popular annuals, being of the earliest culture and giving great satisfaction. From spring-sown seeds they flower profusely until late in the autumn, making them invaluable bedding plants. h. A.

CALIFORNICA—Bright yellow. Price: Pkt., 5c.

CARMINE KING—Carmine-rose on both sides of the petals. Price: Pkt., 5c.

ROSE CARDINAL—A grand variety. Intense carmine. Price: Pkt., 5c.

MANDARIN—Red flowers, orange within and scarlet without. Price: Pkt., 5c.

DOUBLE AND SINGLE MIXED—Price: Pkt., 5c; $\frac{1}{2}$ Oz., 25c.

EVERLASTING FLOWERS—See Page 82.

PLANT A GARDEN
Grow your own vegetables, we offer a fine collection of 15 packets, best home garden varieties for 50 cents, see page 4.



Eschscholtzia.

FORGET-ME-NOT (*Myosotis*)

THESE daintily elegant little flowers are hardy perennials that love cool, moist soil, and like pansies, bloom most freely in the fall and early spring. They make beautiful close borders, or edgings, thickly sprinkled with pretty flower-sprays, and will bloom nicely in winter in a cool room or coldframe. Once at home in a garden they establish themselves by self-seeding. All the varieties are general favorites. Sow in spring in a warm, sunny border. Most varieties bloom freely the first season and profusely the second. Average height, 6 inches. h. P.

ALPESTRIS ROBUSTA GRANDIFLORA—This splendid Forget-me-not plant is of compact habit with glossy dark green foliage, above which are carried on sturdy stems large clusters of immense pure, blue flowers. Price: Pkt., 10c.

PALUSTRIS SEMPERFLORENS — An ever-blooming variety of the above, beginning in May and continuing till autumn. Large, clear, blue flowers in pretty sprays. Price: Pkt., 10c.

INDIGO BLUE—Early and free-flowering, with the deepest indigo-blue flowers produced on long sprays which are excellent for cutting; 9 in. Price: Pkt., 10c.

VICTORIA DISTINCTION (*Alpestris*) — Bright azure blue. Very early. Price: Pkt., 10c.

MYOSOTIS ALPESTRIS MIXED—A pretty trailer. Price: Pkt., 5c.

FERNS

A BEAUTIFUL plant used for foilage, bouquets, etc. Are a favorite everywhere and are very easily grown. Sow seed in rich loam. Below we offer you the finest species.

FINE MIXED—Greenhouse species. Price: Pkt., 20c.

HARDY—Species for outdoor culture. Price: Pkt., 20c.

FOXGLOVE—See Digitalis, Page 63.



Forget-Me-Not.

FEVERFEW (*Matrikearia*)

A N OLD garden favorite. This is the annual Feverfew, and one of the numerous flowers called "Bachelor's Button." Elegant for cutting and bouquet work. h. A.

DOUBLE WHITE—About 2 ft. Good for cutting. Price: Pkt., 5c.

GOLDEN BALL—Dwarf. Beautiful yellow. Price: Pkt., 10c.

FOUR O'CLOCK—MARVEL OF PERU

FOUR O'CLOCKS—Called Four O'Clocks because they open their blossoms at that hour in the afternoon. They are also known as "Marvel of Peru." Handsome, free-flowering, sweet-scented; Blossoms variegated and striped. h. A.

FINE MIXED—Price: Pkt., 5c; Oz., 15c.

FUCHSIA (*Eardrops*)

T HIS elegant pot variety is one of our showiest plants. They produce flowers of the most beautiful colorings. g. P.

FINEST MIXED—Price: Pkt., 25c.

GERANIUMS

THESE grow readily from seed and produce blooming plants the first Summer. There is a great deal of pleasure in watching them develop from seed and there is always a chance of securing something new and desirable in that way. g. P.

ZONALE, Mixed—Price: Pkt., 10c.

APPLE-Scented—Price: Pkt., 25c.

GLOXINIA

GLOXINIAS are most charming greenhouse plants, of dwarf habit. Their flowers are produced in greatest profusion, and of the most exquisite and gorgeous colors, many of which are magnificently spotted, mottled and blended. Flowers of extraordinarily large dimensions, measuring from $4\frac{1}{2}$ to 5 inches across. 1 foot. g. P.

GIANT HYBRIDS, MIXED—Price: Pkt., 25c.



Geraniums.



Gaillardia.

GREVILLEA

(Silk Oak)

ROBUSTA—A very beautiful and graceful decorative plant with fern-like foliage; excellent for table decoration; easily raised from seed, producing good-sized plants in a short time; hardy in Florida and California, where it is popular as an ornamental tree. Price: Pkt., 10c.

GYPSOPHILA

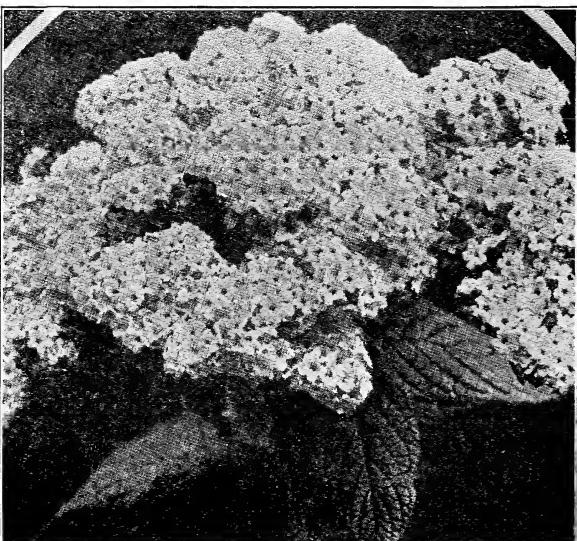
GYPSOPHILAS are valuable for bouquet-making, either green or dried. They are very graceful, and easily cultivated. Should be in every garden. All flower the first season. G. paniculata continues to bloom for several years. h. A.

PANICULATA (Baby's Breath)—Flowers white. A hardy perennial which will stay in the ground all Winter. Price: Pkt., 5c.

ELEGANS, Pure White—Splendid for carpeting in rose or lily beds. Price: Pkt., 5c.

HELIOTROPE

ST. L. S. CO.'S GIANT MIXED—Deliciously fragrant, flowering plants; growing about 18 inches high; great favorites for pot culture in the winter or bedding out in the summer. Large umbels of lilac or white flowers are continuously borne. Half-hardy perennial. 1½ ft. Price: Pkt., 10c.



Heliotrope.

GAILLARDIA (Blanket Flower)

Annual Varieties.

SPLENDID showy annuals, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom from early summer till November; excellent for beds, borders or for cutting; should be sown where they are to bloom; 1½ feet.

ANNUAL DOUBLE—Highly colored as the Perennial. h. A. Price: Pkt., 5c; ½ Oz., 20c.

ANNUAL SINGLE—Highly colored as the Perennial. h. A. Price: Pkt., 5c; ½ Oz., 20c.

HARDY HYBRID GAILLARDIA

THE FLOWERS are extraordinarily large, often 4 to 5 inches across, and very highly colored in great diversity of variations and blendings, including such combinations as scarlet with gold edge, blood-red with yellow edge, yellow with orange disk, golden with scarlet border, pure yellow, fiery-crimson and many others. These magnificent Gaillardias are hardy perennials, compact in growth and produce a constant succession of flowers summer and fall; grown in large groups they are gorgeously effective. As cut flowers they are almost unrivaled; the brilliant flowers, on long stems, "vase" handsomely, and last in water for days.

GAILLARDIA—(gr. fl. Oculata) — New light shades with red center. Very fine variety. Price: Pkt., 10c; 3 Pkts. for 25c.

GRANDIFLORA COMPACTA, MIXED—Price: Pkt., 10c; 3 Pkts. for 25c.

GOMPHRENA (Globe Amaranth) — See Page 82.

GOURDS ORNAMENTAL—See Page 83.

GODETIA

THEY are of a dwarf habit of growth. The flowers are of handsome shape, in the most brilliant as well as delicate colors, and are produced in marvelous profusion. Of easiest culture. h. A. Mixed. Price: Pkt., 5c.



Hollyhock.

ICE PLANT

(Mesembryanthemum Crystallinum)

HANDSOME and curious plant for hanging baskets, rock work, vases and edgings. Trailer. t. A. 6-inches. Price: Pkt., 5c.

JAPANESE KUDZU VINE—See Page 83.

IMPATIENS SULTANA

THE ZANZIBAR OR SULTAN'S BALSAM—Ideal for either pot or garden culture; a tender perennial that cannot be surpassed. It produces waxy bright flowers almost continually Winter and Summer. Grows about one foot tall, and of a handsome rose color. 2-3 g. P. Price: Pkt., 10c.

KOCHIA (Burning Bush)

FORMS regular pyramids from 2 to 3 feet in height, having a cypress-like appearance. Autumn coloring has given it another name, "Mexican Fire Plant." h. A. Price: Pkt., 5c.

LANTANA

HYBRIDA—Dwarf Mixed—Of Dwarf growth, they will be found a great improvement upon the newer sort, and a splendid acquisition to our list of window and garden flowers. Flowers verbena-like in many colors. g. P. Price: Pkt., 5c.

LEMON VERBENA

THE seed of this grand old favorite is very scarce. The leaves are delightfully fragrant and refreshing. Lives from year to year. g. P. Price: Pkt., 10c.

HEUCHERA

THE foliage is evergreen, flowers fiery coral, shading to brilliant crimson, borne on graceful spikes. A charming cut flower. h. P. **SANGUINEA SPLENDENS**—Price: Pkt., 10c.

HIBISCUS

ROBUST garden annuals; large saucer shaped flowers of creamy yellow with purple centers. 2 feet. h. A.

AFRICANUS (Marshmallows)—Price: Pkt., 5c.**HOP VINES**—See Page 83.**HOLLYHOCKS (5 to 8 feet high.)**

NEW EVERBLOOMING DOUBLE ANNUAL—A comparatively new class of easy culture and flowering as quickly from seed as any garden annual. The plants from early sown seed set out in May begin flowering in July; the May sown in August; but in either event they flower profusely until frost. The plants are vigorous in growth and naturally branching in habit, and if given the best of treatment will thrive luxuriantly. The soil should be very rich, deeply dug, and during dry weather watered liberally. There is a great variety of color combinations in this strain, including maroon, pink, rose, crimson, white, cerise, scarlet and many variegations. Price: Pkt., 10c.

ALLEGHENY FRINGED DOUBLE MIXED—Flowers mammoth in size, fringed pink to deep red in color. Blooms very early and continues late. Blooms the first year from seed if sown early. Price: Pkt., 10c.

CHATER'S SUPERB DOUBLE—An extra fine strain. The plants are hardy and large, robust growers; the flowers are not closely huddled up like the other Hollyhocks.

Pkt.	Pkt.
------	------

Double White	10c	Double Rose	10c
Double Crimson	10c	Double Light Pink	10c
Double Sulphur Yellow	10c	Double Mixed	10c

DOUBLE MIXED, Ordinary Varieties—Price: Pkt., 5c.

SINGLE MIXED—Many prefer the single-flowering Hollyhocks. They present a very handsome appearance when covered with their artistic blossoms. Mixed. Price: Pkt., 10c.

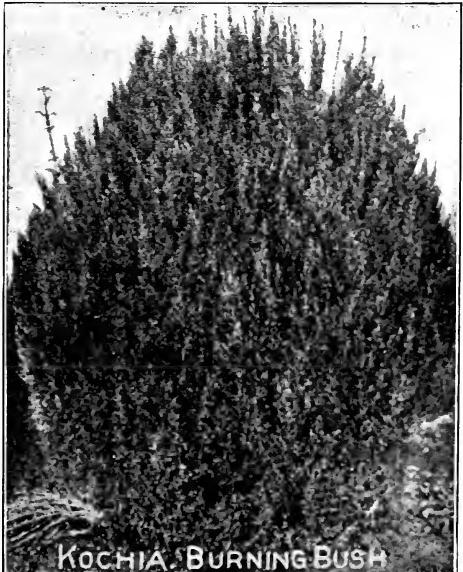
HUNNEMANIA (Bush Escholtzia)

THE plants grow into a shrubbery bush, 2 feet high, and produce large cup-shaped flowers.

HUNNEMANIA-FUMARIAE FOLIA—Yellow. 2-3. A. Price: Pkt., 5c.

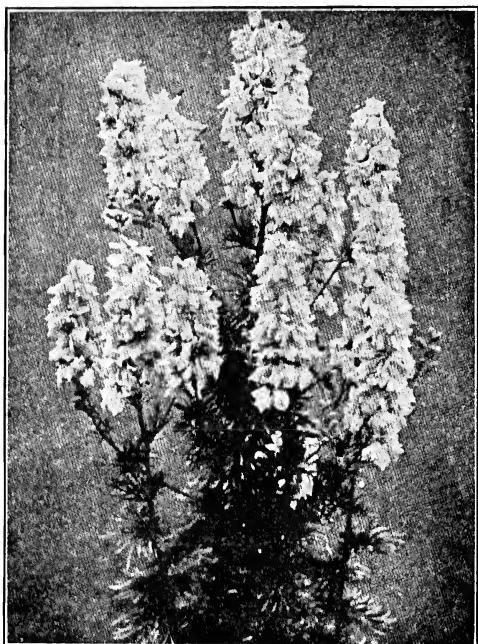
HELICHRYSUM, MIXED (Bachelor Button)..... See Page 82.

HYACINTH BEAN See Page 84.



Kochia. Burning Bush.

Kochia.



Larkspur.

LOBELIA

LTTE annual Lobelias are plants of dwarf, compact growth, four to six inches in height, covered with numerous small, star-like flowers. Very pretty when grown as an edging for flower-beds, also for hanging-baskets and vases, and as house plants in pots in winter, or in shallow drills outdoors when the trees are starting out in leaf, barely covering the seed from view.

CARDINALS (Cardinal Flower)—A native variety, with spikes for brilliant scarlet flowers; fine hardy border plant; 3 feet. Price: Pkt., 15c.

CRYSTAL PALACE COMPACTA—Large deep blue flowers and bronzy foliage. Of fine, close habit. 6 in. Price: Pkt., 10c.

ERINUS GRACILIS TRAILING DARK BLUE—Price: Pkt., 5c.

FLORIST'S FAVORITE COMPACTA (Pumila Splendens)—Brilliant dark blue with white eyes. Very dwarf. Price: Pkt., 10c.

SAPPHIRE—Trailing Lobelias are also coming much into demand. This new variety is of remarkably strong growth, and is called Sapphire as the flowers show the wonderful deep blue of this gem. Price: Pkt., 15c.

LINARIA

C YMBALARIA (Kenilworth Ivy)—Very pretty new variety, with light green glossy foliage and violet flowers. h. P. Price: Pkt., 10c.

LYCHNIS (Burning Star)

H AAGEANA HYBRIDA—Grand hardy perennials. White rose, vermillion. h. P. Price: Pkt., 5c.

MIMULUS

O R MONKEY FLOWERS—Admirable pot plants. The color and markings of the large Gloxinia-shaped flowers are rich in the extreme.

TIGRINUS MIXED—One foot. 1-3. Price: Pkt., 10c.

MOSCHATUS (Musk Plant)—Foliage emits a strong musky perfume; yellow, 1 foot. 1-3 h. A. Price: Pkt., 5c.

ANNUAL LARKSPURS

THIS is one of the best known of garden flowers, and in recent years a vast improvement has been effected by careful selection, in size and color of the blossoms and the general habit of the plant. Seeds sown in the open ground before the close of April will produce flowering plants by the beginning of July, and give a continuous succession of flowers from then until frost, a record that is not surpassed by any other annual. They make handsome beds or lines, and their free graceful habit and bright colors are very effective when interspersed in the old-fashioned flower or shrubbery border. They stand well when cut, and a vase of one or mixed colors is indeed charming.

DWARF ROCKET MIXED—The earliest. Price: Pkt., 5c; Oz., 35c.

TALL BRANCHING MIXED—Very effective and showy planted amongst shrubbery or against the fence. 2½ ft. Price: Pkt., 5c; Oz., 35c.

LUPINUS

ANNUAL MIXED—Very desirable garden plants, showy and excellent for cutting. Graceful spikes, 2 feet long, in various shades of white, blue, pink and yellow. Price: Pkt., 5c.

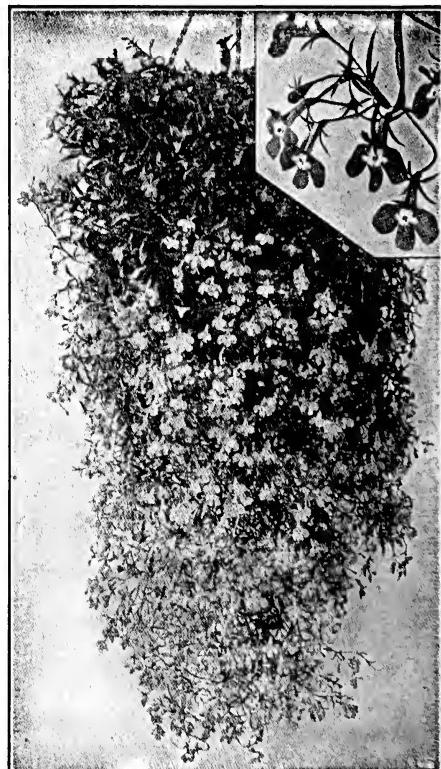
PERENNIAL MIXED—3 H. P. Price: Pkt., 5c.

LINUM (Flax)

SCARLET FLAX—One of the most effective and showy bedding plants, of long duration, having fine foliage and delicate stems, with brilliant scarlet-crimson flowers. Price: Pkt., 5c.

LILY OF THE VALLEY

THIS beautiful flower can be grown from seed, it is perfectly hardy if given a top dressing of well rotted manure during winter months. Price: Pkt., 10c.



Lobelia Sapphire.

MARIGOLD

THIS African and French Marigolds are valuable for their flowers in Autumn, and can be grown to advantage in little clumps with other plants in the front of the shrubberies or in the garden border. They succeed best in light soil, with full exposure to the sun. h. A.

AFRICAN TALL DOUBLE MIXED—Taller than the French, and the flowers are larger. 2 feet.

Price: Pkt., 5c; $\frac{1}{2}$ Oz., 30c.

FRENCH DWARF DOUBLE MIXED—Many striped and blotched. Earlier than the African. 1 foot. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 30c.

LEGION OF HONOR—Single golden yellow blossoms marked with red. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 30c.

ORANGE PRINCE—A high bred type, bearing densely double flowers of a rich deep golden-orange color; very showy. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 30c.

LEMON QUEEN—Another fine variety, with soft lemon-yellow flowers, and forming a fine contrast to the preceding. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 30c.

MIGNONETTE

THIS is one of the grandest garden flowers ever produced, and no garden is complete without an assortment of the following varieties. The colors of the florets vary on account of the density of the florets and spikes. For cutting they are superb, remaining fresh for 8 to 10 days in water. h. A.

Culture.—Sow out of doors, when danger from frost is over, in the bed or border where they are to flower. The soil should be well pulverized and the seed covered to a depth of about 4 times their size. Press down firmly with a board, and thin out so that the plants will not become crowded. For early flowering they should be sown indoors in a shallow box, or in a hot-bed, and transferred to the open ground when the weather becomes suitable.

ALLEN'S DEFIAENCE—Will throw flower stalks of a foot in length and of an unequalled delicious fragrance. Good forcing variety under glass. $\frac{1}{2}$ feet. Price: Pkt., 5c.

BISMARCK—Can best be described as an improved Machet. Good for florists. Has stout stalks, dark cream crimped foliage. Price: Pkt., 5c.



Marigold.

RUBY MACHET—A dwarf compact variety with large stubby spikes covered with copper red flowers, with good foliage close up to the flower. Having an elegant fragrance that is pleasing to all. Price: Pkt., 5c.

ST. L. S. CO'S EX. SELECT MACHET—Of dwarf pyramidal growth, bearing numerous flower stalks; highly colored and very fragrant; one of the best. Price: Pkt., 5c.

RED GOLIATH—The spikes of flowers are immense, measuring 6 to 8 inches long by 2 $\frac{1}{2}$ inches in diameter, and are compactly filled with giant florets, measuring $\frac{1}{2}$ -inch across and packed full, even in the center. Price: Pkt., 5c.

LARGE FLOWERING—Mixed. Price: Pkt., 5c.

NEMOPHILA

SPLENDID free-flowering hardy annuals, of very neat, compact habit. Flowers are cup-shaped, appearing in many brilliant colors, the blue shades being particularly striking. Blossom continuously throughout the Summer, thriving best in a cool, or moist, shady place where the soil is not too rich. All colors mixed, with many shades of blue. Price: Pkt., 5c.

NICOTIANA (Ornamental Tobacco)

A BEAUTIFUL hardy annual, fine for its sweet-scented flowers and ornamental leaves. h. A.

AFFINIS—An annual with sweet-scented, pure white star-shaped flowers, 3 inches across, blooming continually. 2 to 3 feet high. Price: Pkt., 5c.

NICOTIANA SANDERAE—A Brazilian novelty, the entire bush being covered with large brilliant carmine red flowers. Height of about 2 feet. Price: Pkt., 10c.

NIGELLA

(Love in a Midst or Devil in the Bush)

A COMPACT free-flowering plant with finely cut foliage, curious looking flowers and seed pods; of easy culture, growing in any garden soil; hardy annuals; blue and white mixed; 1 foot. h. A.

DAMASCENA—The finest Nigella. Price: Pkt., 5c.

MAURANDIA VINE.....See Page 84.

MINA LOBATO VINE.....See Page 84.

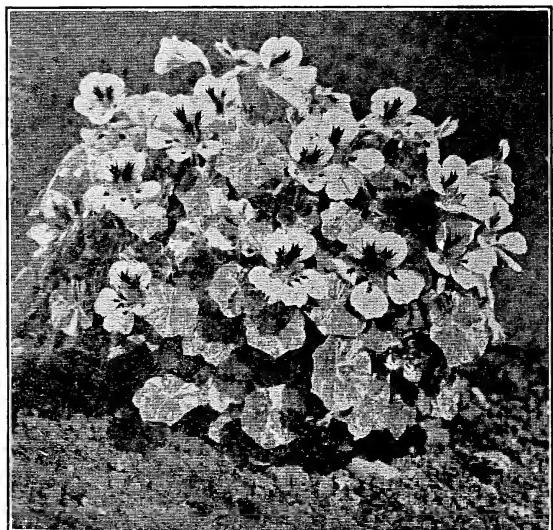
MOON FLOWER.....See Page 84.

MORNING GLORIES.....See Page 84.



MIGNONETTE

NASTURTIUMS



Shaw's Garden Hybrids.

SHAW'S GARDEN HYBRIDS

THE prettiest strain of Dwarf Nasturtiums—Worth ten times the price of the ordinary mixed. There's really no comparison in the beauty and color of the flowers. They are larger, produced in greater profusion, with longer stems, and in colors much more varied in the hundreds of beautiful shades not found in any other mixture.

We are confident that this will become the **only** Nasturtium mixture that will be sown by all our customers. Price: Pkt., 5c; Oz., 15c; $\frac{1}{4}$ Lb., 50c; Lb., \$1.75. Postpaid.

TALL VARIEGATED-LEAVED

THESE comparatively new varieties are equally thrifty and robust in growth and produce freely as beautiful flowers in various colors as the plain green-leaved Nasturtiums, with the added merit of ornamental foliage which renders them beautiful objects even out of flower. Fine for window-boxes and Rockery.

	Pkt.	Oz.
Queen Scarlet Beauty — Variegated leaved	\$0 05	\$0 15
Queen Alexandra — Blood red, marbled and mottled, variegated leaved....	05	15
Queen of Spain — Golden yellow, spotted brown, variegated leaved.....	05	15
Queen of the Morning — Aurora-color shades, variegated leaved.....	05	15
Variegated Leaved — Mixed	05	15

HYBRIDS OF MME. GUNTHER

THE RICHEST STRAIN OF ALL—These new Hybrids make a strong growth, climbing about six feet and covered from Spring to Fall with large, substantial flowers of the most brilliant shades. Price: Pkt., 5c; Oz., 15c; 2 Oz., 25c; Lb., \$1.75. Postpaid.

"IT PAYS TO PLANT THE BEST"

DWARF VARIETIES

FOR ease of culture, duration of bloom, brilliancy of coloring, and general excellence, nothing excels Nasturtiums. Few plants are more easily grown or remain longer in bloom than this with its large shield-shaped leaves and beautifully irregular flowers, having long spurs and brilliantly colored petals. In favorable soil, flowers are produced in abundance throughout the season. Seed is usually sown outdoors as soon as the weather is warm and settled, in the row where the plants are to remain. Well pulverized soil preferably well drained and moderately rich, should be used and the seed covered with about one inch of fine soil firmly pressed down. A sunny situation is essential for free blooming. If the soil is very rich the plants give a large amount of foliage, but few flowers. For earlier blooming, start indoors and transplant to the open ground after danger of frost is over. Much used for window boxes. Nasturtiums are usually free from insects of any kind.

DWARF OR TOM THUMB VARIETIES

THE Dwarf Nasturtiums will always be general favorites, for the reason that they stand any amount of heat and drought, growing vigorously and flowering freely.

	Pkt.	Oz.
Aurora — Salmon-rose	\$0 05	\$0 15
Beauty — Light scarlet, splashed canary	05	15
Cloth of Gold — Rich scarlet.....	05	15
Chameleon — Splashed Crimson, bronze and yellow	05	15
Empress of India — Brilliant crimson; dark foliage	05	15
King Theodore — Scarlet-maroon; dark foliage	05	15
Golden King — Rich, golden yellow....	05	15
Lady Bird — Orange-yellow; red spots..	05	15
Purpureum — Cattell's crimson.....	05	15
Pearl — Pure white.....	05	15
Regelianum — Deep, purplish-crimson...	05	15
Ruby King — Light ruby-red.....	05	15
Vesuvius — Salmony rose, dark foliage.	05	15
COLLECTION — 1 Pkt. each of 10 of these varieties		\$0 40

TALL OR CLIMBING VARIETIES

ELEGANT and luxuriant climbers for verandas, trellises, etc. May be used to cover unsightly railings and to trail over rough ground with fine effect. The seed-pods can be gathered while green and tender for pickling; 6 to 8 feet.

	Pkt.	Oz.
Dark Crimson	\$0 05	\$0 15
King Theodore — Velvety dark crimson; dark foliage	05	15
Lucifer — Splendid scarlet, very dark...	05	15
Pearl — Cream-white	05	15
Prinz Henry — New, cream-color, spotted red	05	15
Schulzi — Scarlet	05	15
Vesuvius — An exquisite shade of salmon	05	15

OENOTHERA OR EVENING PRIMROSE

THESE are among our most beautiful plants for mixed garden beds and borders. They grow in branching from 1 to 2 feet in height and produce freely and continuously large single Poppy-like flowers of white, yellow, rose color, etc. The blossoms open early every evening and last well into the following day. They are of the easiest culture in any sunny situation. Mixed Annual Varieties. Price: Pkt., 5c.



St. L. S. Co.'s "Nonpareil" Mixture.

BUGNOT'S GIANT MIXTURE—One of the richest mixtures imaginable; contains the finest blotched varieties; of large size and exquisite coloring. Price: Pkt., 15c.

CASSIER'S GIANT, MIXED—One of the largest blotched varieties with petals of the finest coloring. Price: Pkt., 20c.

ST. L. S. CO.'S LARGE FLOWERING, MIXED—An extra fine strain. Plants compact and produce flowers in great variety of colors. Price: Pkt., 10c.

MASTERPIECE—This grand new giant Pansy is remarkable in having the borders of the petals waved or frilled, which gives the flower an almost double appearance; the type is altogether novel and distinct. Price: Pkt., 15c.

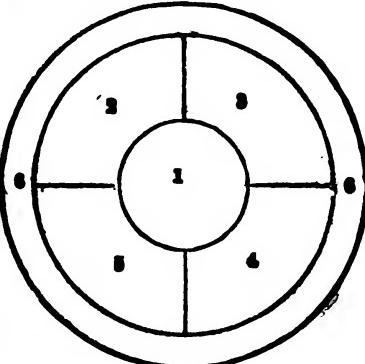
IMPERIAL GIANT, MIXED—They embrace all the solid or self-colors, delicately shaded of various colors, dark and light marbled varieties, flowers with clear, distinct eyes, striped flowers of striking beauty and vividly colored fancy varieties. Price: Pkt., 15c.

FINE MIXED—Price: Pkt., 5c; $\frac{1}{2}$ Oz., 50c.

SEPARATE COLORS

All Giant-Flowered Varieties.

	Pkt.
ADONIS—Soft lavender blue	\$0.10
FIRE KING—Bright reddish brown . . . . .	.10
KING OF THE BLACKS (Faust)—Pure jet black . . . . .	.10
LORD BEACONSFIELD—Lavender and violet . . . . .	.10
SNOWFLAKE—White . . . . .	.10
EMPEROR WILLIAM—Ultramarine-blue . . . . .	.10
GOLD ELSIE—Clear yellow . . . . .	.10



SPECIAL OFFER TO PANSY LOVERS

THIS diagram, when properly laid out as shown in illustration, and sown with the following named varieties as per their respective numberings, will produce one of the most striking sights obtainable in the floral world:

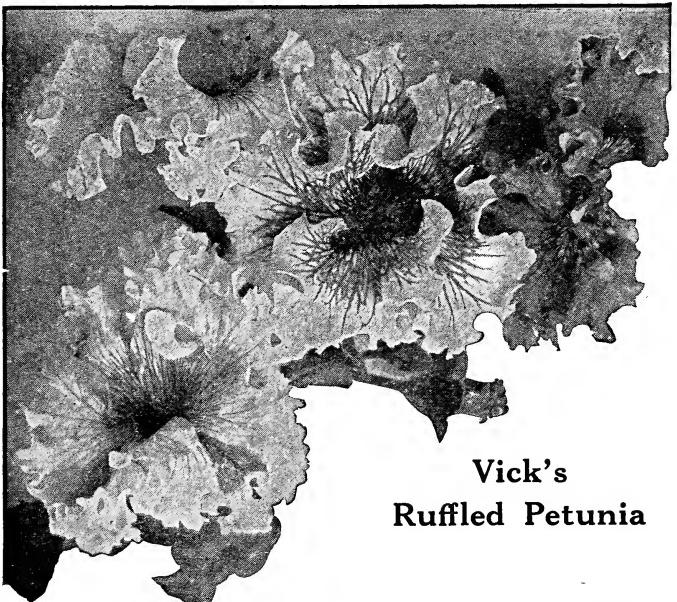
No. 1. Snowflake. Price	Pkt., 10c.
No. 2. Faust. Price	Pkt., 10c.
No. 3. Lord Beaconsfield. Price	Pkt., 10c.
No. 4. Fire King. Price	Pkt., 10c.
No. 5. Emperor William. Price	Pkt., 10c.
No. 6. Gold Elsie. Price	Pkt., 10c.
Total	60c.

This collection will produce a bed 6 feet in diameter.

In order that everyone may try this magnificent collection, we will send the 6 packets, as described, for only 50c.

PANSY PLANTS READY APRIL 1st.

Price: 6 Plants, 25c; 12 for 50c. (By Express Only.)
PASSIFLORA PASSION VINE—See Page 84.



Vick's
Ruffled Petunia

VEILCHEN BLAU—A beautiful deep violet blue fringed Petunia, a very fine variety for Bedding with a white border of Sweet Alyssum, same will make a very attractive appearance. It is easy to grow from seed and a constant bloomer during the summer months. Price: Pkt., 15c; 2 Pkts., for 25c.

NEW DWARF FRINGED LARGE-FLOWERING—This new dwarf race of Petunia is one of the most important novelties in flower seeds. The plants, though branching freely from the base, rarely exceed 8 inches in height and form dwarf compact little bushes which carry, well above the foliage, numerous large fringed-edge flowers of all the beautiful Petunia colors, including those blotched, throated and veined in varied combinations. For flower beds or growing in pots these new compact-growing, large-flowering Petunia are unsurpassed and fill a long-felt want. Mixed. Price: Pkt., 25c.

GIANTS OF CALIFORNIA—The richest colors, the largest flowers and the finest markings of all Petunias. Flowers of gigantic size, many of them measuring 5 inches in diameter, and of an astonishing variety of colors. They embrace every conceivable shade of crimson, pink, lavender, pure white, etc., with a diversity of beautiful throat veinings. Price: Pkt., 15c.

GENERAL DODDS—A beautiful deep Red. Of compact growth covered completely with beautiful flowers one and one-half inches in diameter. Very desirable for beds or borders. Price: Pkt., 10c.

HOWARD'S STAR—A beautiful free-flowering strain, color crimson, maroon with a clearly-defined five pointed star of blush-white. For bedding, baskets, vases, etc., this is exceptionally fine. Price: Pkt., 10c.

ROSY MORN—Soft carmine pink with white throat; makes a very dainty and at the same time effective border. Price: Pkt., 10c.

SNOWBALL—A fine compact sort, producing its pure satiny-white flowers throughout the entire season. Price: Pkt., 10c.

EXTRA CHOICE MIXED—A very choice strain, partly made up from named large-flowering sorts, which will give the greatest variety of colors. Price: Pkt., 10c.

DWARF MIXED—Splendid dwarf varieties; large flowering. Price: Pkt., 10c.

FINE MIXED—Good bright colors. Price: Pkt., 5c.

PETUNIA

ONCE fairly started, Petunias grow almost as easily as weeds, and furnish a succession of bloom from early summer until frost.

For early flowering, the seed should be sown during March in shallow boxes of light soil under glass, in a temperature of about 65 degrees, covering the seed to a depth of four times their size, and press the surface firm with a board; water with a fine spray as needed. Transplant the seedlings when large enough to handle, especial care being taken to save and transplant the small and at first feeble growers, as they usually produce the finest flowers. For later succession of plants sow the seed in April in coldframe, or in the open ground when danger of frost is over.

VICK'S RUFFLED PETUNIA

FLOWERS of extraordinary size and substance, and distinguished from the large flowering fringed section by the deep fluting, giving the appearance as if artificially ruffled. Price: Pkt., 25c.

DOUBLE LARGE FLOWERING PETUNIAS

IT IS well known that seed saved from the most carefully hybridized flowers produce but a small percentage of double flowers, the balance being single of unusually fine quality. The weaker seedlings should be carefully saved, as these invariably produce the finest double flowers. The same is true of the single sorts, the large, strong seedlings usually being weedy, while the, at first, weaker seedlings produce the very finest flowers, of best colorings. It is best to sow Petunias indoors and transplant to the open in May. The Single Bedding kinds can be sown right out of doors in May.

DOUBLE LARGE-FLOWERING FRINGED, MIXED
—Price: Pkt., 25c.



Giants of California Fringed Petunias.

PHLOX

LT OCCUPIES a first place as a garden annual, being one of the most brilliant and at the same time one of the easiest and most satisfactory plants, which can readily be grown from seed. It will grow and thrive in any kind of soil if given a sunny position, but prefers a light, rich loam. Seed may be sown in the open ground any time after danger of frost is past, and in a few weeks they are a sheet of bloom, remaining so until frost.

LARGE FLOWERING—This important strain is not only notable for variety and brilliancy of colors, but also for the perfection and size of flowers, which are very large and round, the petals overlapping each other.

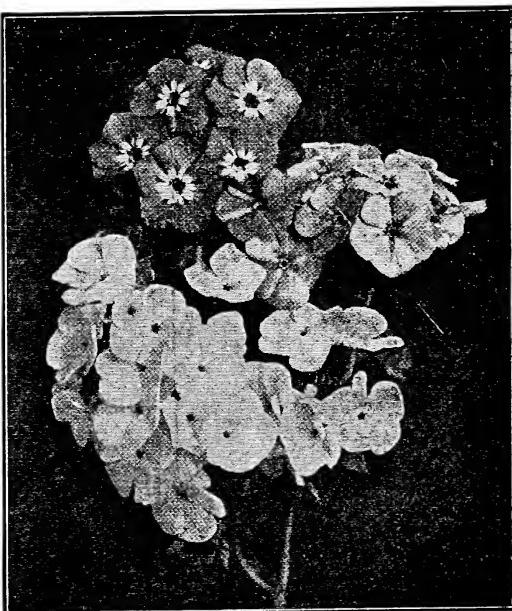
	Pkt.
Alba—Pure white .....	.10c
Brilliant—Finest crimson .....	.10c
Chamois-Rose—Shell-pink .....	.10c
Large Flowering—Mixed .....	.10c

DWARF PHLOX—This strain grows only 6 inches in height. Plants form round, compact bushes, and are thickly studded with bright, showy flowers, like the taller variety in all colors. Splendid for bedding, edging and pot culture. Price: Mixed, Pkt., 5c.

STARRED AND FRINGED MIXED—Very odd and pretty effect. Price: Pkt., 5c.

FINE MIXED—Bright, showy flowers. Good for cutting. 1 foot. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 25c.

HARDY PERENNIAL PHLOX—Fine herbaceous perennial for beds or mixed borders. Mixed. Price: Pkt., 10c; $\frac{1}{2}$ Oz., \$1.00.



Phlox.

PENTSTEMON (Beard Tongue)

HIGHLY useful and attractive hardy perennial, and much used in the hardy border.

Giant Flowering Mixed—As a bedding plant this takes rank with the Petunia, Phlox, etc. It grows about 2 feet high, every branch being a spike of large, Gloxinia-like flowers in a very wide range of bright colors, including rose, red, carmine, cherry, pink, lilac, purple, etc. Not quite hardy and best treated like Petunias, Verbenas, Salvia, etc. Price: Pkt., 10c.

PERILLA

LACINIATA—A beautiful showy plant. Highly prized for its foliage, producing leaves similar to the Coleus. 1½ ft. 2 h. A. Price: Pkt., 5c.

PHACELIA

CAMPANULARI—Flower a rich deep blue; height 1 to 2 feet. 2 h. A. Excellent for bees. Price: Pkt., 5c.



Portulaca.

PHYSALIS

(Chinese Lantern Plant)

FRANCHETI—An ornamental variety of the Winter-Cherry, forming dense bushes about 2 feet high, producing freely its bright orange-scarlet lantern-like fruits; highly interesting. Price: Pkt., 10c.

PLATYCODON

(Chinese Bell Flower)

HARDY perennials, bearing large, broad, bell-shaped blue flowers; very handsome for garden decoration.

GRANDIFLORUM—Color blue, very hardy. Height 2 feet. Price: Pkt., 5c.

PORTULACA

SOMETIMES called Rose Moss. Few flowers make such a dazzling display of color in the bright sunshine as a bed of Portulacas. The glossy cup-shaped single flowers and rose-like double flowers, about one inch across, range through many shades of red, white, pink, orange, yellow, striped, etc. Plants low growing or creeping with thick, fleshy stems tinged with red and small quill-shaped leaves. Desirable also for edgings. They are in bloom through a long season. Sow seed outdoors after weather is warm and settled where the plants are to stand in rows of one foot apart.

LARGE FLOWERING, SINGLE MIXED—Price: Pkt., Each, 5c; Oz., 40c.

DOUBLE FINE MIXED—All colors mixed. Price: Pkt., 10c; $\frac{1}{2}$ Oz., 75c.



Poppy—Carnation Flowered.

PRIMULA (Primrose)

OBCONICA GRANDIFLORA—This is one of the most useful flowering plants. If sown early in the Spring the seedlings will commence to bloom in May or June and continue to flower throughout the whole year. h. P. Price: Pkt., 10c.

MALACOIDES—Best for florists. A fine house plant; flowers delicate lilac. Price: Pkt., 15c.

CHINENSIS (Chinese Primrose)—The culture of these lovely flowers is much easier than most people think. Our mixture includes all the choicest colors of the single flowering Primulas in all their dainty shadings. Large flowering and fern-leaved mixed. Price: Pkt., 25c.

HARDY PRIMROSES

THESE are among the best of the early spring-blooming plants. With a slight protection they will stand the winter, but will do better if protected by a cold frame.

AURICULA—Beautiful low-growing early Spring-flowering plants, fine for borders, pot culture, etc.; the fragrant flowers of many rich colors are borne in clusters on the top of stalks 4 to 6 inches long. Price: Pkt., 10c.

VULGARIS (English Primrose)—Canary-yellow, fragrant. Price: Pkt., 10c.

POLYANTHUS VERIS—Showy, early spring, free-flowering plants; fine for either pot or outdoor culture; hardy perennials; 9 inches. Price: Pkt., 10c.

ANNUAL Poppies should be sown as early in the spring as possible where they are to remain, as they do not stand transplanting. Sow very thinly. If they come up too thickly they must be thinned out to stand 3 to 4 inches or more apart if you wish best results.

ADMIRAL POPPY—A single Paeony-flowered variety of surpassing beauty, having large, smooth-edged flowers of glistening white, with a broad band of brilliant scarlet around the top. These two colors form a very striking contrast, and when planted in groups produce a magnificent effect. Price: Pkt., 5c.

DAINTY LADY—Flowers, 4 to 5 inches across, of a charming mode shade of rosy mauve, with a large dark metallic blotch at the base of each petal. Price: Pkt., 5c.

DANEBROG, OR DANISH CROSS—Very showy variety, producing large flowers of brilliant scarlet, with a silvery-white spot on each petal, forming a white cross. Price: Pkt., 5c.

DOUBLE CARDINAL—Round as a ball, red as fire. The flowers are of very large size and finely fringed. In color it is a glowing cardinal scarlet of attractive brilliancy, and the long duration of its blooming period makes it a very desirable variety indeed. Height, 16 inches. h. A. Price: Pkt., 5c.

DOUBLE CARNATION-FLOWERED—Large, showy, flowers 2 feet. h. A. Mixed. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 15c.

SHIRLEY-MIXED—This magnificent species sports to numberless shades of color, from pure white to rose pink, carmine and deepest crimson. h. A. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 20c.

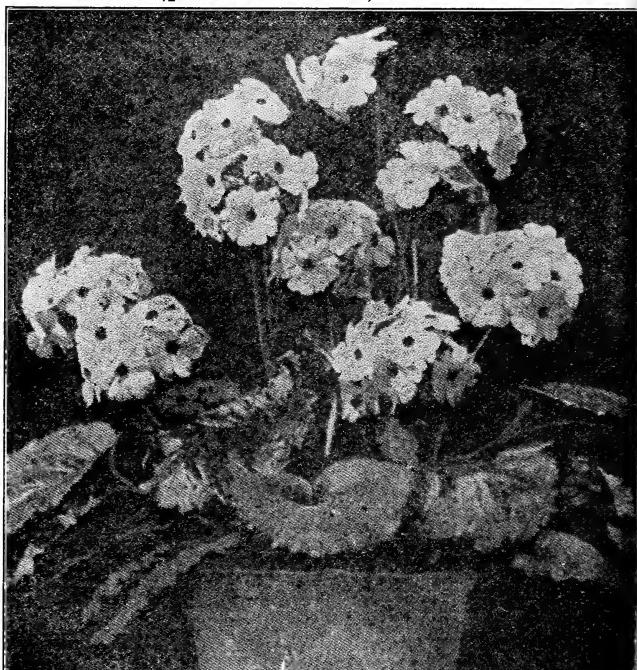
TULIP FLOWERED SCARLET—Large, bright scarlet flowers. The two outer petals of the flower form a tulip cup. Strikingly beautiful. About 1 foot. h. A. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 25c.

HARDY PERENNIAL POPPIES

ORIENTAL Poppies should be sown in early spring in the open ground as soon as it is fit to work.

ICELAND MIXED—White, salmon, rose and orange, with yellow stamens. Petals delicately fringed. Dwarf. h. P. Price: Pkt., 10c.

ORIENTAL HYBRIDS—Large, showy flowers, ranging in color from orange-scarlet to crimson. Very brilliant. h. P. About 2½ feet. Price: Pkt., 10c.



Primula.

POTENTILLA

(Flowering Strawberry.)

A BEAUTIFUL border plant; flowers from yellow to bright red. Leaves resemble strawberry plants. An unexcelled plant for border and naturalizing effect. 1 ft. h. P. Double sorts mixed. Price: Pkt., 10c.

PYRETHRUM

(Feverfew) 2, 3; h. A.

ROSEUM HYBRIDUM GRANDIFLORUM—Flowers of enormous size, ranging in color from light pink and rose to deep carmine. Price: Pkt., 10c.

AUREUM (Golden Feather)—Yellow foliage. Price: Pkt., 5c.

RICINUS

(Castor Oil Bean)

RORNAMENTAL plants of stately growth and picturesque foliage, with brilliant colored fruit, producing subtropical effect; fine for lawns, massing or center plants for beds.

SANGUINEUS—Blood-red stalks and clusters of red fruit; 8 feet. Price: Pkt., 5c; Oz., 20c.

ZANZIBARIENSIS—Surpasses all in size and beauty of colors, which include glaucous-green, coppery brown, metallic red, brownish purple, red maroon and bronze; 8 to 10 feet. Price: Pkt., 5c; Oz., 20c.

BORDONIENSIS ARBOREUS—The tallest of the Ricinus family. 15 feet. Price: Pkt., 5c; Oz., 20c.

CAMBODGENSIS—A beautiful black-leaved specie, a handsome foliage. Price: Pkt., 5c; Oz., 20c.

GIBSONI—Purplish leaves and stems. 6 feet. Price: Pkt., 5c; Oz., 20c.

MIXED SORTS—Price: Pkt., 5c; Oz., 15c.



Ricinus or Castor Oil Plant.

ROSE CAMPION

A GROSTEMMA CORONARIA—Exceedingly handsome and free-flowering. Rose pink. h. P. 1½ feet. Price: Pkt., 5c.

SALPIGLOSSIS

(Painted Tongue)

AS POT plants they are elegant and for cut flowers for vase and bouquets they are unsurpassed. 2-3. H. H. A.

LARGE FLOWERING (Painted Tongue)—Yellow, rose, scarlet, light blue, purplish violet mixed. Price: Pkt., 5c.

RHODANTHE—See page 82.

SALVIA

(Flowering Sage) H. H. A.

ONE of our most handsome summer and autumn-flowering plants, growing into compact bushes about 3 feet high and literally ablaze with brilliant flowers; very effective for massing on the lawn and for garden decorations. Half-hardy perennial.

ST. LOUIS—This is one of the finest of the Scarlet Sages, growing on a compact bush 2 feet high by 2 feet in diameter. Its erect spikes of brilliant scarlet flowers stand clear above the dark-green foliage and completely cover the plant. It attracts immediate attention in the garden, and is one of the most effective and gorgeous plants in cultivation. Seed can be sown outdoors after danger from frost is past. Price: Pkt., 15c; 2 Pkts. for 25c.

BONFIRE—Our well-known compact Salvia—the freest blooming of all, seemingly on fire all the time with dense flaming scarlet spikes. 2½ feet. Price: Pkt., 10c.

FIREBALL—The most compact type of Salvia yet introduced. Splendid for beds or borders, of somewhat dwarf habit. Price: Pkt., 15c.

ZURICH—A splendid dwarf variety, growing about 2 feet high, and is especially valuable on account of being the earliest to bloom, flowering 10 days in advance of any other sort and among the most brilliantly colored of garden flowers and extremely useful for bedding. Price: Pkt., 15c.

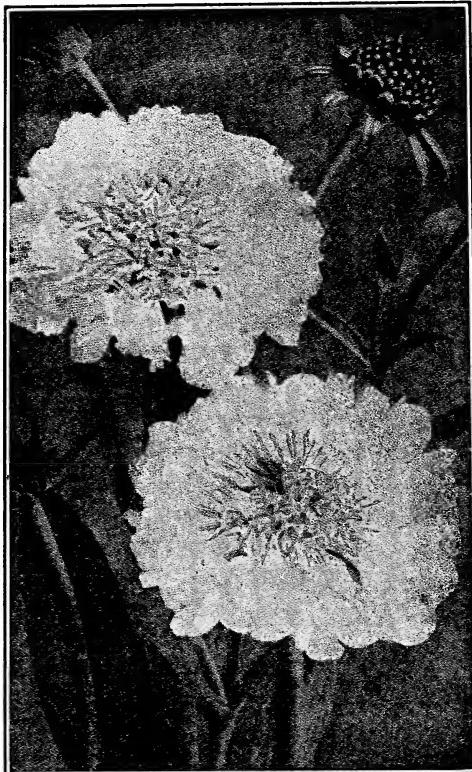
PATENS (Blue Sage)—A much improved strain of the Salvia. It forms a globular, strong branching bush of from 2 to 3 feet high. Price: Pkt., 10c.

SPLENDENS GRANDIFLORA, SCARLET—A rich-flowered bedder. 3 feet. Price: Pkt., 5c.

SMILAX VINE—See Page 84.



Salvia St. Louis.



Scabiosa.

SCHIZANTHUS

(Butterfly or Fringe Flower)

THIS is one of the airiest and daintiest flowers imaginable, especially adapted to bordering beds of taller flowers and those of a heavier growth. The seeds germinate quickly and come into bloom in a few weeks from sowing.

LARGE-FLOWERED MIXED—As pretty as miniature Orchids. Exceedingly profuse bloomers. Forming compact pyramidal plants a foot high, literally covered with large beautiful orchid-like flowers in a bewildering range of color.
Price: Pkt., 5c; $\frac{1}{2}$ Oz., 25c.

GIANT-FLOWERING STOCKS

AMAGNIFICENT, recently developed strain of early-flowering Stocks, forming much-branched plants about 2 feet high, and having numerous spikes of very large, double, delightfully fragrant flowers.

	Pkt.	Pkt.	
Light Blue	\$0.10	White	\$0.10
Canary Yellow	.10	Rose	.10
Red	.10	Mixed	.10
Purple	.10		

DOUBLE FINE MIXED—The best for ordinary outdoor planting. Price: Pkt., 5c.

WINTER OR BROMTON MIXED—Remove the plants indoors for winter blooming.
Price: Pkt., 15c.

SCABIOSA

(Mourning Bride, Sweet Scabious, Pin-cushion Flower, etc.)

FIRM favorites with many of our customers. Seed can be sown any time in the spring after danger of frost is past. They grow about $2\frac{1}{2}$ feet high, and come into bloom early in July, and continue without interruption until hard frost. The beautiful flowers in exquisite shades are borne on long stems, and when cut keep in perfect condition for the best part of a week. They make effective borders or beds, and no garden is complete without Scabiosas, especially where flowers are wanted for cutting. We offer six colors as below:

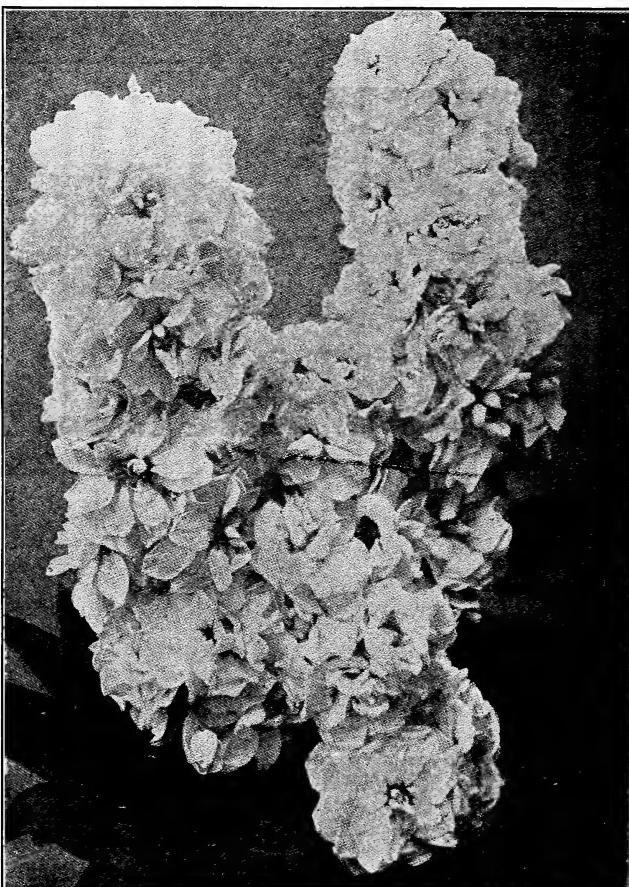
	Pkt.
Crimson	\$0.05
Black-purple	.05
Rose	.05
White	.05
Mixed	.05

CAUCASICA (Blue Bonnet)—One of the most handsome of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water; lilac-blue; 3 feet.
Price: Pkt., 10c.

SENSITIVE PLANT

(*Minosa pudica*)

ACURIOUS and interesting plant with pinkish white flowers; the leaves close when touched or shaken. 1 $\frac{1}{2}$ feet. The favorite variety. 2-3; t. A. Price: Pkt., 5c.



Stocks.

SHASTA DAISIES

(*Chrysanthemum Leucanthemum*.)

ALASKA—A splendid hardy perennial variety, with flowers rarely less than 5 inches across, of the purest glistening white, with broad, overlapping petals, and borne on long, strong stems; a beautiful cut flower, remaining in good condition a week or more. **Price:** Pkt., 10c.

SILENE (Catchfly)

AN EFFECTIVE garden annual, forming compact, round bushes, 6 inches high, which during the summer, are covered densely with flowers of white, pink or red. For low beds or edgings it is very pretty. **Mixed colors.** **Price:** Pkt., 5c.

SOLANUM (Jerusalem Cherry)

THIS is a very useful pot plant for winter decoration. It is of the dwarf branching habit; leaves small and oval-shaped, bearing in the greatest profusion bright, scarlet, globular berries. Very ornamental. 1 foot. 2-3. t. A.

CAPSICASTRUM NANUM—A beautiful decorative variety.

Price: Pkt., 5c.

STOKESIA (Corn Flower Aster)

HIGHLY valuable for cutting, supplying a shade of coloring not overly plentiful at any season of the year.

CYANEA—The earliest and best sort. Blue. h. P.

Price: Pkt., 10c.



Shasta Daisy.



Red Sunflower.

SWEET WILLIAM (*Dianthus barbatus*)

EXtensively used in old-fashioned gardens; flowers borne in large clusters of most brilliant colors, and are fine for cutting. Plants.

FINEST SINGLE MIXED—**Price:** Pkt., 5c; ½ Oz., 25c.

DOUBLE MIXED—This mixture contains the finest colors. Impossible to find anything that can compare with it. **Price:** Pkt., 10c. **NEW ANNUAL**—The old favorite Sweet William, as all know, does not flower until the second year from seed, but this new type commences blooming in early summer from spring-sown seed and continues in flower for several weeks. **Mixed.** **Price:** Pkt., 10c.

SUNFLOWER (*Helianthus*)

FAR superior to common Sunflowers. The large, rich golden yellow flowers are produced on each branch. Makes a beautiful hedge. h. A.

GOLDEN BALL—A beautiful large double variety. **Price:** Pkt., 5c.

DWARF DOUBLE—Similar to the above variety, only of a dwarf nature with variegated leaves. **Price:** Pkt., 5c.

DOUBLE CALIFORNIA—A beautiful large golden double variety. **Price:** Pkt., 5c.

SINGLE FLOWERING SORTS

THE single Sunflowers are indispensable for cutting. Sown on a sunny spot in April or May, they come into bloom early in summer and keep up a constant supply of flowers until cut down by frost.

NEW RED SUNFLOWER—This New Sunflower, we believe it to be a novelty of real merit, and feel sure it will come into general use. Planted in a border or in front of taller shrubbery or along a wall, they are very showy. The flowers, if cut just after they open and placed in water will last fully a week. The long, slender stems, the graceful poise of the flowers, with their varied coloring, make them very effective and desirable. **Price:** Pkt., 10c; 3 Pkts. for 25c.

ORION—Artistic and effective new variety of "Stella." The petals are twisted like a Cactus Dahlia. **Price:** Pkt., 5c.

STELLA (Improved Miniature Sunflower)—Differs from the above by its large and better formed flowers of the purest golden yellow, with black disc. **Price:** Pkt., 5c.

ST. LOUIS SEED COMPANY'S SPENCER OR BUTTERFLY SWEET PEAS

Our Spencer Sweet Peas are carefully grown by experienced men from selected Stock Seed, and better seed cannot be grown in this country than the stocks supplied by St. Louis Seed Co.; send us your order and try them yourself.

THE Spencer Waved Sweet Pea is a distinct advance in the development of the Sweet Pea. No modern garden is complete without this grand type. The chief characteristic of the Spencer Sweet Peas is their robust growth, plants frequently attaining a height of 6 to 10 feet, requiring a foot of space in the row for each plant to fully develop. The flowers are gracefully formed; both standard and wings are larger than in the Grandiflora type, flowers often measure 2 to 2½ inches in diameter and are borne on stems 18 inches long, with four blooms. We have listed below all varieties of the Spencers that we catalogue.

CULTURE OF SWEET PEAS—One of the methods which has been followed with excellent results. The soil for Sweet Peas should be rich and deep. Loam with plenty of well-rotted manure in it, is the ideal soil for raising good plants that will produce plenty of blooms of good substance. Peas may be sown in single or double rows, but care should be taken not to sow too thickly.

	Price Pkt. Oz.
AFTERRGLOW — Bright violet standards shaded rosy amethyst, wings paler blue; waved..	10c 25c
APPLE BLOSSOM SPENCER — Standard rose, wings light carnation	10c 25c
ASTA OHN SPENCER — Soft pinkish lavender	10c 25c
AURORA SPENCER — White ground, striped and flaked orange-pink	10c 25c
BLANCHE FERRY SPENCER — Standards rose, wings white.....	10c 25c
CONSTANCE HINTON — This is decidedly the best black-seeded, white-flowered variety in cultivation. The flowers are of largest size, best Spencer form, and usually produce in fours on long stout stems	10c 25c
COUNTESS SPENCER — Bright shade of pink	10c 25c
DAINTY — White ground, with beautiful picotee edge of rose pink, splendid form	10c 25c
DOBIE'S CREAM — Deep cream or primrose colored, nicely waved flowers	10c 25c
FLORA NORTON SPENCER — Bright blue, slight purple tint..	10c 25c
FLORENCE NIGHTINGALE — The color is of a charmingly soft, clear rich lavender, which is enlivened by a very faint sheen of rose-pink	10c 25c
FIERY CROSS — Intense orange scarlet	10c 40c
HELEN LEWIS SPENCER — Fine orange-salmon-pink	10c 25c
HERCULES SPENCER — Might well be described as a giant or larger Countess Spencer	10c 25c
ILLUMINATOR SPENCER — A very pleasing color; ground of salmon, orange with rich bright cerise-pink. Flowers of excellent texture and size. A beautiful new creation	10c 25c
KING EDWARD SPENCER — A pure red Spencer. Special strain	10c 25c
KING WHITE SPENCER — The finest pure white Sweet Pea ever offered. The vines are extremely strong, flowers the largest of the finest frilled type	10c 25c
MARGARET MADISON SPENCER — A self-colored clear azure-blue; exquisite	10c 25c



	Price Pkt.	Oz.	Price Pkt.	Oz.
PRINCE OF WALES —The wings are a pure rich rose-crimson, while the standard shows a tint of cherry-red. The whole effect is that of a brilliant crimson—clear and most beautiful....	\$0.10	\$0.25	ROYAL PURPLE SPENCER —A new shade in Sweet Peas, a rich purple and almost a true royal purple. The same shade does not exist in the grandiflora type	\$0.10 \$0.25
MARGARET ATLEE —Rich glowing pink on cream ground softly suffused with salmon in the standard, while the wings are a pleasing shade of pinkish rose and salmon.....	.10	.25	THE PRESIDENT —The flowers are large size, it is a brilliant glowing scarlet .....	.10 .50
MRS. CUTHBERTSON SPENCER —Standard clear rose-pink, wings white, with faint blush of pink.....	.10	.25	TENNANT SPENCER —A curious purplish mauve .....	.10 .25
OTHELLO —Of immense size, rich maroon.....	.10	.25	WHITE SPENCER —Splendid uniform white .....	.10 .25
PRIMROSE SPENCER —The finest of its class, clear primrose color, fine large wavy standard and wings white seeded	.10	.25	WEDGEWOOD SPENCER — Producing usually four flowers to a stem, of unique shade of Wedgewood blue, and the finest Spencer form.....	.10 .25
ROSABELLE SPENCER — Attractive; rose-crimson color with a distinct white blotch at the base of the standard and wings; perfect form; very much waved .....	.10	.25	ST. L. S. CO. SPENCER MIXTURE —These include the best of the "Spencer" varieties introduced previously to this year and also entirely new shades .....	.10 .25

ST. L. S. CO.'S "NOVELTY" COLLECTION

We are determined that every lover of Sweet Peas shall be given an opportunity to plant a few of the new introductions of the Spencer

and Unwin types of Sweet Peas as they are so superior to the standard varieties heretofore sold. The packets in this collection, if bought separately, would cost you \$1.00. We are making this reduction to get you to plant them. Their range of color, size and shape of flower is far superior to any offered heretofore. They are profuse bloomers and have longer stems, which make them more showy as a cut-flower. A Circular on How to Grow Sweet Peas will be enclosed with this collection. Price: 10 Packets for 50c. Each Packet a Separate Color.

SELECT UNWIN SWEET PEAS

ALTHOUGH of distinct origin, Gladys Unwin is nearly of the same type as the Countess Spencer, but the flowers are not so large. These seedling varieties resemble the parent and generally come uniformly waved and fluted.

NORA UNWIN—Beautiful, large white; three flowers frequently come to the stem. Price: Pkt., 10c; Oz., 20c.

FRANK DOLBY—A lovely light lavender-blue; one of the best in its color; bold, wavy standard and widely spreading wings. Price: Pkt., 10c; Oz., 20c.

GLADYS UNWIN—A bold flower with a striking, upright standard which is crinkled and waved; broad wings. Of a lovely light pink. Price: Pkt., 10c; Oz., 20c.

PHYLLYS UNWIN — Beautiful, large flowers, borne on long, stout stems, which carry three or four flowers each; of an exquisite rose-color throughout. Price: Pkt., 10c; Oz., 20c.

CUPID VARIETIES
COMPACT, dwarf plants, 7-in. high, covering a circumference of about 18 in., covering the ground like verbenas. Fine for low beds and pot culture.

MIXED—Different colors. Price: Pkt., 5c; Oz., 15c; 1/4 Lb., 50c.

SWEET PEA COLLECTION

ELEVEN (11) Packets; each Packet a separate color of the best varieties. This enables you to have all colors which you can plant as you wish. A circular is enclosed with this collection on how to plant and grow them. Price, 25c.

VERBENA (hh. P.)

ONE of the finest bedding plants and also suitable for borders, with its heads of brilliant colored flower, producing one mass of blooms throughout the Summer.

**ST. LOUIS SEED CO.'S
MAMMOTH VERBENAS**

WE HAVE been carefully selecting and improving this fine strain of Verbenas for years, and can recommend it as the very best procurable. The trusses and individual flowers are of the largest size, of brilliant colors, free-blooming and of vigorous habit. For best and quickest results seed should be sown early in the house or hotbed, and transplanted to flowering quarters in May. If sown outdoors in May, it blooms from the end of July on. Verbenas are better grown from seed than from cuttings, being more vigorous and not liable to disease.

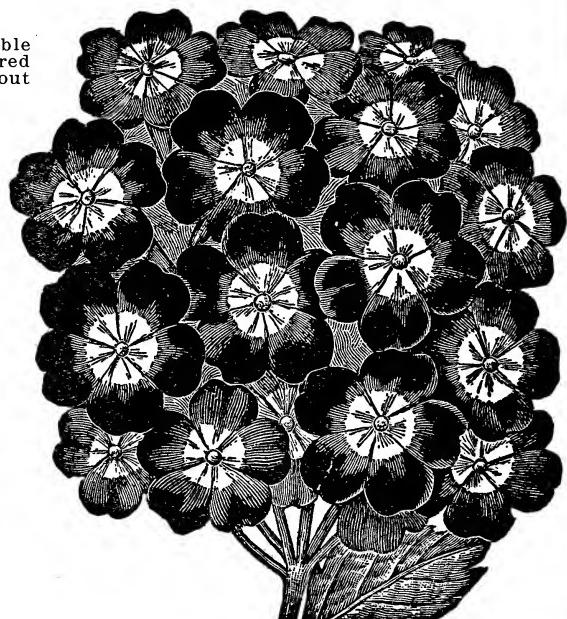
ST. L. SEED CO.'S MAMMOTH—

	Pkt.	Oz.
Scarlet	\$0.10	\$2.00
Blue, Purple and Blue .....	.10	2.00
Pink, Deep pink .....	.10	2.00
White, Pure white .....	.10	2.00
Mixed, Finest colors .....	.10	2.00

GREAT FLORAL CLOCK MIXTURE—This splendid new variety is a very dwarf, compact growing Bush-Verbena, with large trusses of pure flesh-colored flowers, a shade previously unknown in this class. Excellent for dwarf beds and borders.

Price: Pkt., 10c; $\frac{1}{2}$ Oz., \$1.00.

FINE MIXED—All in good colors. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 50c.



Great Floral Clock Mixture.

VINCA

(Madagascar Periwinkle)

THE Vincas are among our most satisfactory bedding plants; they are very ornamental and bloom freely from early summer until destroyed by frost. In the fall they can be potted for the house, and kept in bloom through the winter. t. P.

Pkt.

ROSEA—Fine rose color.....	\$0.05
ROSEA ALBA—White, rosy eye .....	.05
ALBA PURA—Clear, pure white .....	.05
ALL COLORS, MIXED .....	.05

SWEET ROCKET (Hesperis)

OLD-FASHIONED garden plant, and among the most desirable of hardy flowers; grows from 2 to 3 feet high. h. P. Fine mixed. Price: Pkt., 5c.

WAHLENBERGIA

See Platycodon—Page 75.

WALL FLOWER

A BEAUTIFUL hardy perennial of exquisite coloring, producing long, showy spikes in abundance. h. P.

EXTRA EARLY PARISIAN—Blooms in August and continues until checked by frost; magnificent golden yellow single flowers on long spikes; delicious fragrant. Price: Pkt., 5c.

DOUBLE MIXED..... Price: Pkt., 10c.

SINGLE MIXED—1 foot. Price: Pkt., 5c.

VIOLETS (Sweet Scented)

VIOLA ODORATO (*Semperflorens*)—Is the well-known English Violet, a free-flowering hardy perennial. May be grown from seed. Succeeds best in a partially shaded, moist place. h. P. Price: Pkt., 10c.

VIRGINIA STOCK

CHARMING dwarf annuals, with bright-colored flowers, making the garden gay in early summer. $\frac{1}{2}$ foot. h. A.

MIXED—Price: Pkt., 5c.

ZINNIA

THE plants form handsome little bushes about 15 inches high, and fairly bristle with tiny, short stemmed, very double flowers, hardly exceeding a Daisy flower in size. They are exceedingly pretty plants and bloom all summer long and until late in the fall. 1½ to 2 feet.
h. A.

**ST. LOUIS SEED CO.'S
GIANT DOUBLE ZINNIAS**

ASPECIAL strain of this grand old favorite free and continuous flowering annual, which produces flowers of colossal size, specimens measuring 5 to 6 inches across being not unusual. Plants are of extremely robust habit attaining a height of about 3 feet, and bearing on long, strong stems numerous semi-globular, mostly very double flowers all of the largest size, making them of great value in large beds, borders, etc.; grown under favorable conditions they remain in bloom from early Summer to late Autumn. We offer six new varieties.

Per Pkt.

Mammoth Double Purple	\$0.10
Mammoth Double Scarlet. Very bright ...	.10
Mammoth Double Red .....	.10
Mammoth Double White .....	.10
Mammoth Double Golden Yellow .....	.10
Mammoth Double Mixed All Colors .....	.10

ELEGANT'S DOUBLE—This we consider the best type for general use, forming bushy, compact plants not over 2 feet high, and bearing perfect double-flowers as large as the taller-growing sorts. **Mixed.** Price: Pkt., 5c; ½ Oz., 25c.

ZEBRA DOUBLE MIXED—A very pretty strain of striped flowers. Price: Pkt., 5c.

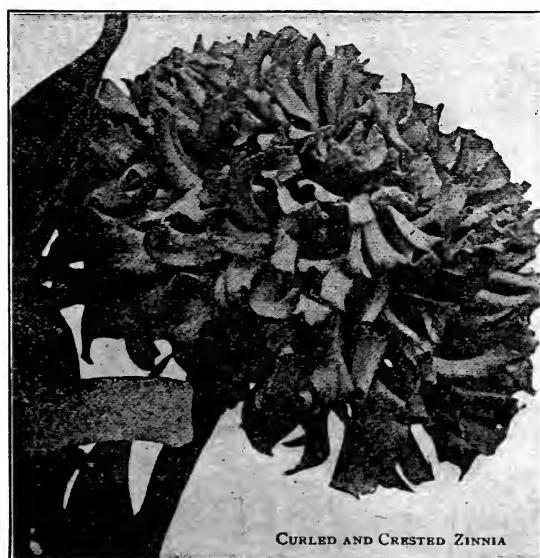
DOUBLE LILIPUT MIXED—Smaller than the ordinary Zinnia, long stiff stems. Valuable for bouquets. Price: Pkt., 5c.

CURLED AND CRESTED—Large, double flowers, with petals twisted, curled and crested into the most fantastic and graceful forms. Usual range of colors. Price: Pkt., 10c.

DWARF DOUBLE MIXED—Price: Pkt., 5c; ½ Oz., 25c.



Giant Mixed Zinnia.



Curled and Crested Zinnia

WILD GARDEN FLOWER SEED

UNDER this heading we offer a mixture of the easiest and surest growing kinds that can be sown broadcast, and with little or no care will produce a bright effect in places that would otherwise be nothing but a collection of unsightly weeds, and furnishing an abundance of flowers for cutting. Price: Pkt., 5c; ½ Oz., 15c.

VISCARIA

VERY free-blooming annuals, closely allied to the Lychnis; foot high, flowers, single Pink.

MIXED—Containing about six different colors, some with dark eyes. Price: Pkt., 5c.

ORNAMENTAL GRASSES

FOR large beds or groups on lawns nothing gives a finer effect and they are now largely used in prominent positions in many of the finest public parks, etc.

BRIZA MAXIMA (Quaking Grass)—Very beautiful.

COIZ LACHRIMA (Job's Tears)—2 ft.

GINERIUM ARGENTEUM (Pampus Grass)—The most noble grass in cultivation. 12 ft.

LAGURUS OVATUS (Hare's Tail Grass)—Bushy and Puffy.

EULALIA ZEBRINA (Zebra Grass)—Light green, barred with creamy white. Variegation runs across foliage.

PENNISETUM RUEPELIANUM (Purple Fountain Grass)—Graceful green foliage and purplish plumes, unequalled as an edging to a bed of Cannas or other tall plants; annual; 3 feet.

STIPA PINNATA (Feathered Grass).

Any variety. Price: Pkt., 5c; 6 for 25c.

ALL COLORS MIXED—Price: Pkt., Each, 5c.



Helichrysum.

AMPELOPSIS (Veitchii)
(Boston and Japan Ivy)

CLINGS to the walls of wood, stone or brick. Dense foliage; glossy green, changing to red and yellow in autumn. h. P. 40 feet. Price: Pkt., 5c.

ARISTOLOCHIA (Siphon)
(Dutchman's Pipe)

EXCELLENT for shade or screen purposes. h. P. Price: Pkt., 10c.

BALLOON VINE (Love-in-a-Puff)

ARAPID growing annual climber; succeeds best in light soil and warm situation; flowers white; seed vessels look like miniature balloons. 5 to 10 feet. hh. A. Price: Pkt., 5c.

BALSAM

APPLE—A beautiful climbing plant; handsome apple-shaped fruits. Makes dense shade. The fruits preserved in alcohol make a useful liniment. hh. A. 15 to 20 feet. Price: Pkt., 5c.

PEAR—Fruits are longer than the apple. Price: Pkt., 5c.

CANARY BIRD FLOWER
(*Tropaeolum Peregrinum*)

CHARMING little canary-colored blossoms resembling canary birds. Very pretty for trellis. hh. A. 10 to 15 feet. Price: Pkt., 5c.

CYPRESS VINE

ONE of the most popular vines, with very delicate fern-like foliage, and masses of beautiful, small, star-shaped flowers. Sow in May, first soaking the seeds in warm water for a few hours. 15 feet. Pkt.

Scarlet \$0.05

White05

Mixed—White and Scarlet—Per Oz., 35c..... .05

EVERLASTING FLOWERS

THESE are mostly annuals, with straw-like flowers that keep their form and color for years. With few exceptions they should be cut just as the buds begin to expand.

ACROCLINUM ROSEUM—Rose and white mixed. 1 ft.
HELICHRYSUM, MIXED (Bachelor Button)—Very ornamental and much admired when dried. Fine double mixed. 3 ft.

GLOBE AMARANTH (Gomphrena)—Sometimes called "Bachelor's Buttons." Purple.

GLOBE AMARANTH—Fine mixed.

RHODANTHE, MIXED—Pretty for bouquets.

STATICE SUWOROWI—Bright rose color.

Any variety 5 cents per Packet. The above 6 Packets, 25 cents.

CLIMBERS WORTHY OF NOTICE

ADLUMIA (Cirrhosa)

(Mountain Fringe or Allegheny Vine)

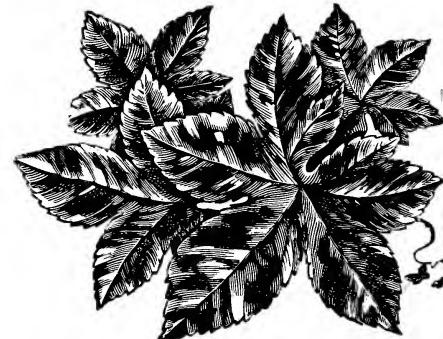
ACHARMING, hardy biennial climber. Feathery foliage, rose-colored flowers. 3. h. B. 15 feet. Price: Pkt., 5c.

ANTIGONON (Leptopus)
(Mountain Rose)

AGRAND and effective Vine when grown in a sunny spot. Bears numerous clusters of deep pink blossoms, completely covering the vine. If outdoors it does best in the South. 3 g. P. Price: Pkt., 5c.



Cypress Vine.



Ampelopsis (Boston, or Japanese Ivy)

CLIMBERS—Continued**THE CARDINAL CLIMBER**

WE CONSIDER it the most beautiful and brilliant annual climber ever sent out. It is a strong and rapid grower, attaining a height of 30 feet or more, with beautiful fern-like, laciniated foliage and literally covered with a blaze of circular fiery cardinal-red flowers from mid-summer till frost. The flowers are about 1½ inches in diameter, and are borne in clusters of 5 to 7 blooms each, and wherever it has been grown during the past two seasons has attracted more attention and favorable comment than any other plant in the garden. Like other Ipomeas, it delights in a warm, sunny situation and good soil. The seed may be started indoors in March or April, but it is best to wait until the weather gets warm and settled, and then sow out of doors. In either case it is well to file or cut through the hard outer shell of the seed or steep in warm water until they begin to swell, which greatly assists in a free and quick germination. If sown in cold, wet ground the seed is liable to rot. Price: Pkt., 15c; 2 Pkts. for 25c.

CLEMATIS

JACKMANII HYBRIDS—The best-known and most valued variety. Color, dark, rich, royal purple. Price: Pkt., 10c.

COBAEA

(Cup-and-Saucer Vine)

A CLIMBER of rapid growth, attaining a height of 30 to 50 feet during the season, valuable for covering trellises, arbors, trunks of trees, etc.

SCANDENS—Large bell-shaped purple flowers. Price: Pkt., 5c.

HOP

JAPANESE VARIEGATED—Rapid summer climber, in three or four weeks' time attaining a height of 20 to 30 feet, resembling the common Hop. Price: Pkt., 10c.

JAPANESE KUDZU VINE

From Seed: Hardy and a Rapid Grower.

A BEAUTIFUL Ornamental and Rapid Climbing Vine for trellis and porches. Price: Pkt., 10c.

ORNAMENTAL GOURDS

THEY attain the remarkable growth of from 10 to 20 feet in height and are grown extensively for household as well as ornamental purposes.

DIPPER—Useful for many household purposes. When grown on the ground, produces differently shaped gourds than on the trellis. Price: Pkt., 5c.

DISH CLOTH OR LUCCA—Sponge-like, porous lining is dried and used in the bath or for dishcloth. Price: Pkt., 5c.

HERCULES' CLUB—The longest of any of the gourds. Price: Pkt., 5c.

JAPANESE NEST EGG—Resembles hen's eggs in color, size and shape. Price: Pkt., 5c.

PIPE CALABASH—The stem ends of the fruits are much used in making pipes. Price: Pkt., 5c.

SUGAR TROUGH—Very light, but durable. Used for buckets, baskets, soap and salt dishes, etc. Price: Pkt., 5c.

MOCK ORANGE—A handsome gourd; very popular. Price: Pkt., 5c.

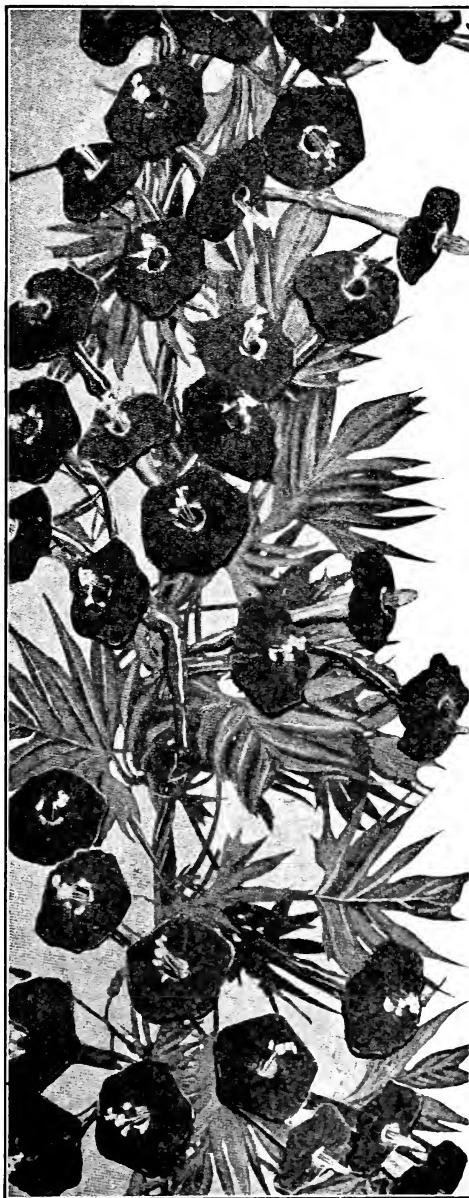
TURK'S TURBAN—All colors, mixed. Price: Pkt., 5c.

SMALL VARIETIES, MIXED—Price: Pkt., 5c; Oz., 25c.

MIXTURE OF RAPID CLIMBERS

THIS mixture contains flowers of gigantic size, and the colorings and markings beyond description, ranging from snow-white to black-purple, with all the possible intermediate shades. Others are edged with white, having throats of one of the above colors: there is also an endless number having flowers spotted, marbled, striped, flaked and splashed. This is beyond question the largest and most beautiful mixture of easy grown climbers. Wherever climbers can be grown this mixture should have a prominent place. The seed we offer is of our own importation direct from Japan, and embraces all varieties, (which are really the most handsome, semi-doubles, quilled and frilled, crimped and scalloped, and double).

It includes vines which succeed in shady, cool positions, and those that do best in dry, sunny ground. The different types of leaves and changes in color amongst the various flowers give a beautiful effect. Price: Pkt., 10c; 3 Pkts. for 25c.



Cardinal Climber.

CLIMBERS—Continued



Dolichos (Hyacinth Bean)

PASSIFLORA

(Passion Vine)

COERULEA—Very popular for window decoration or sunny locations in the garden. Blue. 2-3. hh. P. 10 feet. Price: Pkt., 5c.

MAURANDIA

FINE MIXED—Suitable either for house or garden culture. t. P. 10 feet. Price: Pkt., 5c.

MINA

LOBATA—Half hardy Mexican climbing annual. The buds are at first of a vivid red, but turn to orange-yellow before they open. Height of from 18 to 20 feet. h. A. Price: Pkt., 5c.

SCARLET RUNNER BEAN

AGREAT favorite in England and Europe, not only as an ornamental climber, but for the delicious edible beans. Price: Pkt., 5c.

THUNBERGIA

MIXED (Blackeyed Susan)—Handsome foliage and flowers. Used for a screen or basket. 1-2. hh. A. 6 ft. Price: Pkt., 5c.

WILD CUCUMBER

A Rapid climber and free bloomer. Price: Pkt., 5c.

DOLICHOS (Hyacinth Bean)

ARAPID-GROWING annual climber, flowering freely in erect racemes, followed by ornamental seed-pods; for covering arbors, trellises, etc. Sow the seed in the garden in beds where they are to remain. 10 feet.

"DAYLIGHT" PRINCESS HELEN—This grand Hyacinth Bean comes from Japan. Seed sown late in May will by the middle of July often attain a height of ten feet. Price: Pkt., 5c; Oz., 15c.

SONDANIEANSIS—The most beautiful purple. Price: Pkt., 5c; Oz., 15c.

MIXED COLORS—Price: Pkt., 5c; Oz., 10c.

MORNING GLORIES

DOUBLE SNOW-FAIRY—It grows as vigorously as the common Morning Glory, the vines quickly reaching a height of twelve to fifteen feet. It begins to bloom early and continues to flower freely without intermission until frost. The flowers appear like large, snow-white tassels, free from spots or blemish. Upon examination, however, it will be seen that there is a well-formed single white Morning Glory in the center, which is completely surrounded by numerous white petals, the whole forming a most unique and beautiful tassel-like blossom. Price: Pkt., 10c.

ST. L. S. CO.'S NEW JAPANESE GIANT—This exquisite new Morning Glory is without doubt the finest species ever offered. So rich and beautiful are its gorgeous markings of handsome blotched petals that it cannot be compared with the ordinary Japanese Morning Glory. The flowers of this variety are of largest size, often three inches or more across; some are brilliant red or rich blue, others are equally brilliant, with broad margins of clear white; some are striped or dotted with blue or red on white or lemon yellow ground, others are clouded with blue and red. The foliage in some plants comes dark green. Price: Pkt., 15c; 2 Pkts. for 25c.

IMPERIAL JAPANESE FRINGED—This exquisite new Morning Glory is without doubt the finest new species ever offered. So rich and beautiful are its gorgeous markings of handsome blotched petals that it cannot be compared with the ordinary Japanese Morning Glory. Price: Pkt., 10c; Oz., 25c.

SETOSA (Brazilian Morning Glory)—Bears enormous rosy flowers with a pink satiny star. Price: Pkt., 5c.

FINE MIXED—All colors. Price: Pkt., 5c; Oz., 10c.

MOON FLOWER

WHITE LARGE FLOWERING—The most rapid growing of all annual twining vines. Grows to a height of 50 feet or more in favorable seasons. t. A. Price: Pkt., 10c; Oz., 50c.

BLUE (Ipomea Bona Nox)—Beautiful large violet flowers. Price: Pkt., 5c.

Plants ready April 25—Each, 20c; Doz., \$2.00.

SMILAX

(Myrsiphyllum Asparagoides)

IN MANY respects the Smilax is the most useful, and it is certainly one of the most graceful climbers. Price: Pkt., 5c.

PERENNIAL PEAS

LATHYRUS LATIFOLIUS (Perennial, or Everlasting Pea)—A hardy perennial climber, flowering the first year if seed is sown in the fall. Leaves and stems smooth. Flowers resemble sweet peas, but are borne on strong stems, with eight to ten blossoms to the stem. It is not fragrant, but is hardy and showy, and thrives in any good soil.

	Pkt.	Pkt.	
Pink	\$0.10	Red	\$0.10
White .....	.10	Mixed .....	.10

HARDY EVERBLOOMING ROSES—POT-GROWN

SOIL—Roses delight in a clay loam, enriched with well-rotted barnyard manure. Dig up the soil thoroughly to a depth of 12 to 15 inches, pulverize well; do not raise beds above the level of the surrounding soil. Soak the bed occasionally during the summer with weak manure water.

Nice strong plants from 5-inch pots, ready for shipment about April 10th. Price: Each, 50c; 10 for \$4.50.

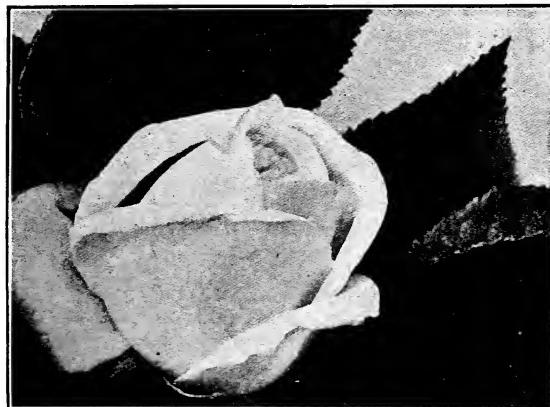
Pot Grown Roses sent by Express Only.

ETOILE DE FRANCE (H. P.)—Is a strong grower, excessive bloomer, almost thornless. It has beautiful dark green foliage, splendid buds, generally appearing singly on long, strong stems; flowers are very large and beautiful in shape, very full and open easily; color superb garnet red, center of flowers very vivid.

CLOTHILDE SOUPERT (H. P.)—Here we have a rose that for bedding out doors or for pot culture is hard to beat. Frequently the entire foliage is hidden with bloom. Medium-size flower, variable color, from almost pure white to deep pink. Always in bloom.



Clothilde Soupert.



Killarney.

LA FRANCE (H. P.)—Peach-blossom color, shaded pink and silver-rose. The flowers are large and beautiful either in the bud form or when fully expanded. It is very free blooming, every shoot forming a beautiful flower and most deliciously fragrant.

MAMAN COCHET (H. T.)—This is our favorite rose. It is of the largest size; the flower is built up or rounded and very double; the color is a deep, rosy pink, the inner side of the petals being a silvery rose, shaded and touched with golden yellow. Very vigorous; deliciously fragrant.

MRS. AARON WARD (H. T.)—A most striking color—Indian-yellow shading to lemon-cream at edges of petals.

WHITE MAMAN COCHET—Snow-white. This is our favorite rose. It is of the largest size; the flower is built up or rounded and very double.

WM. R. SMITH (H. P.)—This magnificent variety is an American-raised, pedigree seedling. It inherits hardiness, constitution, fine habit, grand foliage and superb flowers. The color is a deep ivory-white overlaid with a good, bright shade of pink.

GRUSS AN TEPLITZ (H. P.)—This grand rose has proved one of the best and most valuable Hardy Crimson Ever-blooming Roses for garden planting. The color when first opening is a very dark, rich crimson; as the flower opens it discloses bright scarlet, shading to velvety, fiery red. The flowers on well grown and established plants are large and full, very showy and handsome.

KILLARNEY PINK (H. T.)—A very beautiful Hybrid Tea Rose. The color is an exquisite shade of deep shell-pink lightened with silvery-pink. The base of the petals is a soft silvery-white, relieved with enough yellow to make it more attractive. The buds are exceptionally long and beautifully formed, the open flower is graceful in the extreme. Hardy in this climate without protection. In the garden the flowers are very lasting, the coloring remaining clear and bright to the last delicate Tea Rose fragrance.

KILLARNEY, WHITE (H. T.)—A pure white sort from the pink parent; the newest thing in forcing Rose.



Gruss an Teplitz.

CHOICE HARDY SHRUBS

Ready for shipment from March 1st to April 10th.

NOTE—Shrubs will be shipped on receipt of orders or as soon as they can be dug, unless instructed to the contrary, and can only be sent by Express, at purchaser's expense.

ALTHEA

HIBISCUS—(Rose of Sharon)

THIS has become one of the most popular flowering shrubs, coming in flower, as it does, in July or August, when few shrubs are in bloom. The entire plant is covered with beautiful double flowers, which, at a distance, look like roses. They make a very pretty flowering hedge. Three-year-old plants. About 3 feet high. Each 10 for

RED	\$0.30	2.50
PINK .....	.30	2.50
WHITE .....	.30	2.50

TREE ALTHEA

Valuable on account of their blooming in late Summer. RED. 5 ft. High. Price Each, 40c
WHITE. 5 ft. High. Price Each, 40c.

AMPELOPSIS VEITCHII

(sometimes called "Boston Ivy" and "Japan Ivy")

ENTIREDLY hardy in the exposed places, attaining a height of 20 to 30 feet in two or three years, clinging to stones, brick or wood work with the greatest tenacity. It is a great protection to houses, as the leaves, lapping over each other like slates on a roof, effectually prevent rain from penetrating the walls. For covering dead trees, boundary walls, etc., it has no equal. Beautiful autumn foliage. Price: Strong two-year plants, Each, 25c; 10 for \$2.25.

ARISTOLOCHIA SIPHO (Dutchman's Pipe)

ANATIVE species, of climbing habit and rapid growth, with magnificent light green foliage 10 to 12 inches in diameter, and curious, pipe-shaped, yellowish brown flowers. Price: Each, 50c; 10 for \$4.50.

CALYCANTHUS

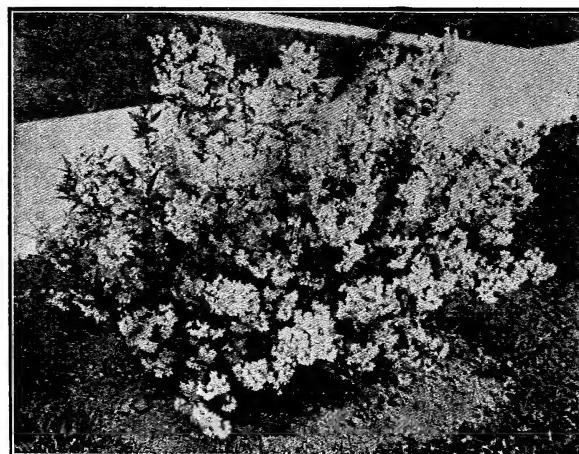
C. FLORIDUS—A well-known native bush, bearing very double, purple, fragrant flowers. Fine and glossy foliage; pineapple-scented, chocolate-colored flowers all Summer; leaves dark green above and pale grayish green beneath; a favorite shrub. Price: Each, 30c; 10 for \$2.75.

DEUTZIA

VERY ornamental and popular shrubs with showy white or blush flowers appearing in tassel-like clusters in spring or early summer. Slender, arching branches.

PRIDE OF ROCHESTER—Grows to 6 feet. Blooms in May in advance of the others. With very large, double white flowers. Price: Each, 30c; 10 for \$2.75.

DEUTZIA CRENATA (Double Pink Deutzia)—A tall shrub usually 6 to 8 ft. high with numerous upright branches. Leaves dull green, rough on both sides, 2 to 3 inches long. Flowers double, pink. Price: Each, 30c; 10 for \$2.75.



Deutzia.



Ampelopsis Veitchii.

CLEMATIS

THE Clematis we offer this season are exceptionally fine, strong 2-year-old plants. We have reduced the number of varieties to such sorts as, from experience, we know to succeed best in our climate.

HENRYII, LARGE WHITE—A pure white large-flowering variety, of fine form, and recognized as by far the finest of the single white sorts. Price: Each, 30c; 10 for \$2.75.

MADAME EDOUARD ANDRE—Flowers large, of a beautiful bright velvety red, very free-flowering. Price: Each, 30c.

JACKMANI—The best known and most valued large flowering variety of this popular family. A perfect mass of bloom when in full flower. Color, dark, rich, royal purple. Price: Each, 30c; 10 for \$2.75.

CLEMATIS PANICULATA

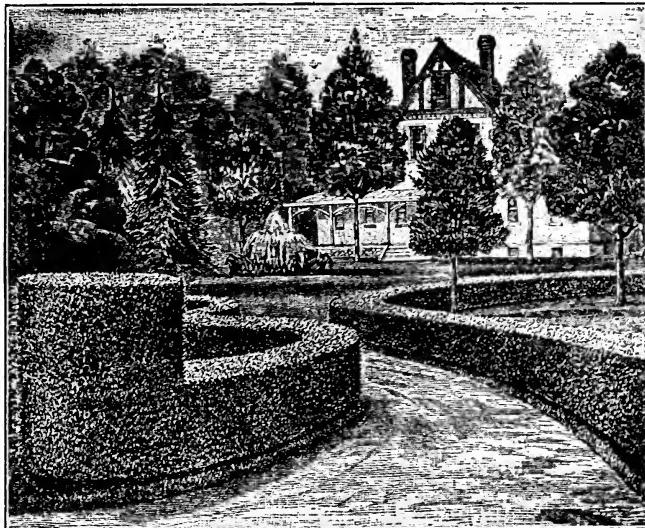
(The Fleecy-White Fragrant Clematis)

THIS grand climbing vine is one of the most valuable ever sent to us from Japan. Blooms in the early fall and is one mass of fleecy-white, fragrant flowers. These are succeeded by the silken seed vessels almost as ornamental as the flowers. It will grow 15 to 20 feet in a season, it is insect-proof, it is perfectly hardy, it adapts itself to all situations, thrives everywhere, and need only be seen to be admired. Price, strong two-year plants, Each, 30c; 10 for \$2.75.

HEDGE PLANT

CALIFORNIA PRIVET—Of all the shrubs which have been tried for hedging, none can compare with this. Of easy growth and splendid foliage, free from insects. Its inexpensiveness alone would give it first place for the purpose. It is now planted by the million annually. It is of free growth, and succeeds under the most adverse conditions, such as under dense shade of trees, where other plants would not exist. Price: 18 to 24 inches high, 10 for 70c; 20 for \$1.20; 50 for \$2.50; 100 for \$4.50.

BERBERIS (Barberry)—One of the best lawn and border shrubs. Compact, low-growing, especially suitable for a hedge or as a border along walks and drives. Foliage a fine brilliant green in summer, turning a deep, autumnal red in fall. Yellow flowers in April to May, then followed by bright scarlet berries in profusion, which remain fresh until the following spring. 18 to 20 inches. Price: 10 for \$1.00; 100 for \$9.00.



California Privet.



Hall's Japan Honeysuckle.



Forsythia.

FORSYTHIA

FORSYTHIA FORTUNEI—Strong, erect habit, bright golden-yellow flowers in early spring. Price: Each, 25c; 10 for \$2.25.
SUSPENSA (Weeping Golden Bell)—A tall Shrub of willowy growth, the branches gracefully arching, covered with golden-yellow bells in early spring. Price: Each, 30c; 10 for \$2.75.

HYDRANGEA PANICULATA GRANDIFLORA

THIS is one of the most hardy shrubs in cultivation. It attains a height of 3 to 4 feet, and is perfectly hardy in all parts of the country. The flowers are white, borne in immense pyramidal pinnacles nearly a foot in length. It commences flowering in July and continues until November. 3 to 4 feet. Price: Each 30c; 10 for \$2.75.

HONEYSUCKLE

(Climber)

HALLIANA (Hall's Japan Honeysuckle)—A strong vigorous, almost evergreen sort; white flowers changing to yellow; very fragrant; flowering from July to December; holds its leaves nearly all winter. Extra-selected plants. Price: Each, 30c; 10 for \$2.50.

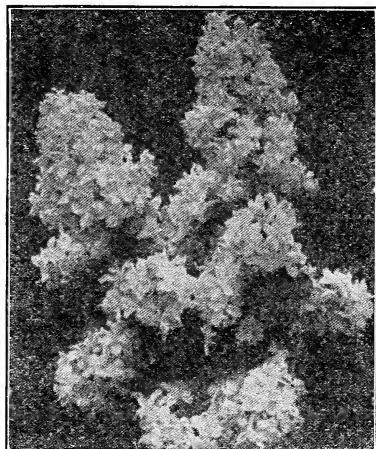
SCARLET TRUMPET HONEYSUCKLE—This and its varieties are the handsomest in cultivation. It is a strong, rapid grower and produces scarlet, inodorous flowers. Price: Each, 30c; 10 for \$2.50.

BUSH HONEYSUCKLE

LEBERBOURI Rosea (Bush)—Pink flowers, which contrast beautifully with the foliage; scarlet berries. Price: Each, 30c.



Hydrangea paniculata grandiflora



Lilac—*Syringa*.

SYRINGA OR MOCK ORANGE

PHILADELPHUS—For grouping with other shrubs, forming large screens or hedges which may not require pruning, or used as single specimen lawn plants they are desirable. Fragrant, pure white flowers, in dense clusters so numerous as to bear the branches down when flowering. Price: Each, 30c; 10 for \$2.75.

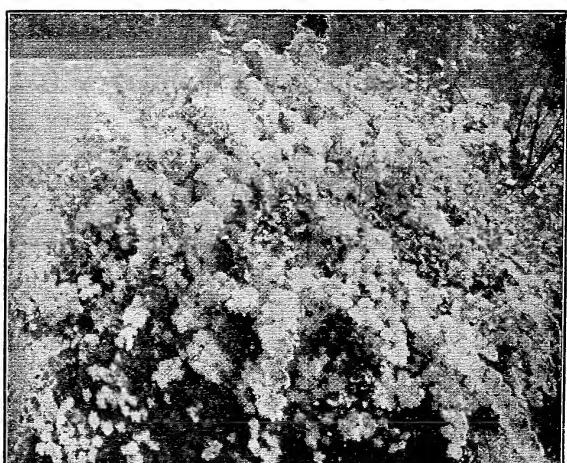
SPIRAEA

ANTHONY WATERER—A valuable and distinct variety; color bright crimson; it is of dwarf, dense growth, never exceeding 30 inches in height; in bloom the entire summer and fall. Price: Each, 30c; 10 for \$2.75.

VAN HOUTTE—The grandest of all the Spiraeas. It is a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, the foliage hardly showing. An early bloomer, 2 to 3 feet high. Price: Each, 20c; 10 for \$1.90.

TAMARIX (Tamarisk)

STRONG, slender, tall-growing, irregular shrubs, with featherly foliage and small, delicate flowers, borne profusely on gracefully-bending branches. These pink flowers are very attractive during May. Price: Each, 30c; 10 for \$2.75.



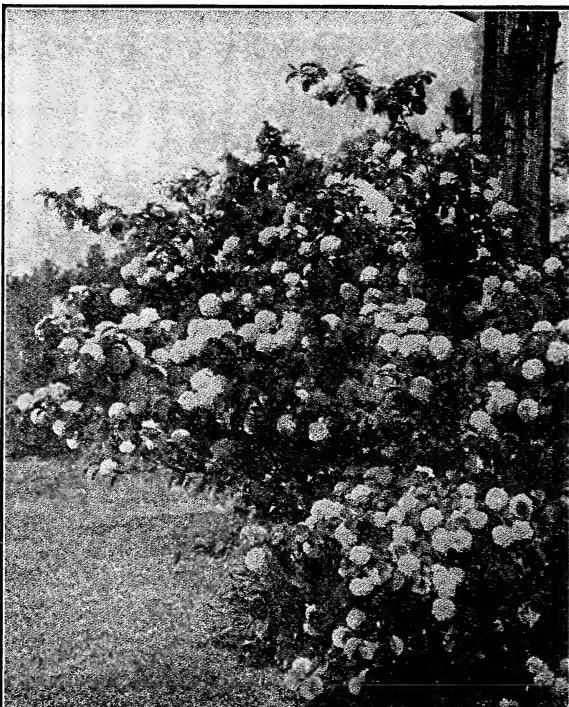
Spiraea Van Houtte.

LILAC OR SYRINGA

LIACS (*Syringa*)—Lilacs stand more neglect, heat or drouth without showing any bad effects, than any other plant, and there is hardly any other shrub that can take their place.
LARGE PURPLE—Very free bloomer of large flowers; an excellent variety; 3 to 4 feet. Price: Each, 30c; 10 for \$2.75.
LARGE WHITE—Free bloomer. Price: Each, 30c; 10 for \$2.75.

SNOW BALL

ONE of the most handsome bushes for the yard, known as Snowball Tree; of large size, with globular clusters of pure white flowers, blooming latter part of May; admired by home lovers everywhere; 3 to 4 feet. Price: Each, 25c; 10 for \$2.25.



Snowball or Viburnum.

WEIGELIA

CANDIDA—Of vigorous habit, flowers pure white and produced in great profusion in June, and continue to bloom at intervals through the Summer. Price: Each, 30c; 10 for \$2.75.

EVA RATHKE—A charming new Weigelia flowers brilliant crimson; a beautiful, distinct, clear shade. Price: Each, 30c; 10 for \$2.75.

WISTERIA

A BEAUTIFUL hardy climber, will grow in one season about 20 feet high; flowers in clusters pale blue.

W. SINENSIS (Chinese)—Flowers in clusters; pale blue; sometimes gives a second crop of flowers in the Fall. Strong plants. Price: Each, 35c; 10 for \$3.00.

W. SINENSIS ALBA—Of similar habit to sinensis, with pure white flowers. Strong plants. Price: Each, 35c; 10 for \$3.00.
 Shrubs sent by Express only.

ORNAMENTAL DECIDUOUS TREES

Trees and Shrubs sent by Express Only.



BIRCH (Betula)—	Each
Cut-leaved Weeping. 8 to 10 ft.....	\$2.00
American White Birch. 8 to 10 ft.....	1.75
CATALPA (Indian Bean)—	
Bungel. Dwarf habit, 2-year Heads....	\$2.00
ELM (Ulmus)—	
American Elm. 9 to 10 ft.....	\$1.75
LINDEN (Tilia)—	
Americana (Linden, or Basswood), 8 to	
10 ft.	\$1.50
Europæa. 7 to 8 ft.....	1.50
MAPLE (Acer)—	
White, or Silver-leaved. 10 to 12 ft....	\$2.00
Norway. 10 to 12 ft.....	2.00
JAPANESE MAPLES—	
Acer polymorphum atropurpureum (Blood-leaved Japan Maple). The most popular of all kinds, with beautiful foliage of blood-red color. Is particularly fine when its foliage is fully expanded in early Spring. 3 ft. bushy.....	\$2.50
POPLAR (Lombardy)—This grows to an immense height, and is remarkable for its columnar growth. Price: 10 ft., \$1.00.	
POPLAR (Carolina)—A vigorous healthy native tree of rapid growth, pyramid in form, with large, glossy leaves; valuable for park or street planting. Price: 10 ft., \$1.00.	
SYCAMORE (American)—A tree of the largest size, growing rapid, very ornamental and entirely hardy. Fine for street planting. Price: 10 ft., \$1.75.	

SMALL FRUITS

GRAPES

HERE is scarcely a yard so small, either in country or city, that room for one to a dozen or more grape vines cannot be found. They do admirably trained up to the side of any building, or along the garden fence.

All Two Years Old

Extra Strong Roots

MOORE'S EARLY—Large black.....	Each 10 for \$0.15	\$1.00
CONCORD—Med. early.....	.15	1.00
NIAGARA—Large white.....	.15	1.00
CATAWBA—Amber Color .....	.15	1.00
WORDAN—Black .....	.15	1.00

CURRENTS

VICTORIA—Large, bright red. The best currant yet introduced; berries are large, uniform in size, with long stems, good flavor, and is very productive and easy to pick. Price: Each, 20c; 10 for \$1.50.

BLACKBERRIES

EARLY HARVEST—Best early. Price: Each, 5c; 10 for 40c.

ELDORADO—Extra fine, large and sweet, late. Price: Each, 5c; 10 for 40c.

RASPBERRIES

KING—Large, dark red, strong, robust and productive. Price: Each, 5c; 10 for 40c.

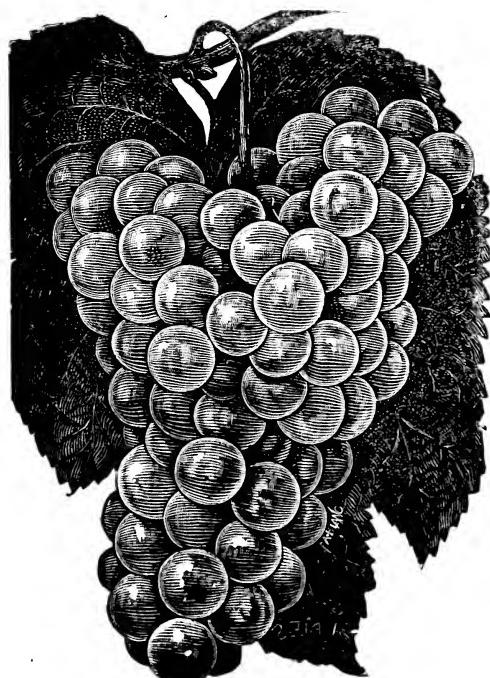
CUMBERLAND—A black cap of exceptionally large size; of extra fine quality. Price: Each, 5c; 10 for 40c.

GOOSEBERRIES

GOOSEBERRIES demand rich soil and good culture. A heavy manure mulch around the bushes during the heat of Summer will largely prevent mildew. We offer strong two-year old plants.

HOUGHTON—Early, good size. Price: Each, 20c; 10 for \$1.50.

DOWNING—Late, well known. Price: Each, 20c; 10 for \$1.50.



SELECTED FRUIT TREES

Trees and Shrubs only sent by Express.

WE FURNISH excellent clean trees, which, if planted carefully, are almost sure to succeed. Trees, when received, should be planted at once in rich, prepared soil, the roots being carefully separated and spread. If dry weather follows planting, the trees must be watered and mulched. Branches of last season's growth should be well cut back, thus encouraging the vigorous growth of new healthy shoots.

APPLES

THE following is a list of the best Apples we have decided to include after trial. The months indicated are those in which the different varieties usually mature.

All Select Trees 5 to 6 ft., Each, 50c; 10 for \$4.50.

SUMMER VARIETIES

EARLY HARVEST—Medium size; pale yellow; mild, fine flavor. August.

RED JUNE—Medium size, red; flesh white, tender, juicy, sub-acid; an abundant bearer. July. Tree an upright grower.

YELLOW TRANSPARENT—A splendid early variety; fruit good size; mild and delicious; yellowish white when ripe.

AUTUMN VARIETIES

FALL PIPPIN—Large, beautiful yellow when fully ripe. Flesh tender, rich and of good quality. Tree hardy, vigorous and long-lived. September.

MAIDEN BLUSH—Large, flat, pale yellow; beautiful blush, mild, sub-acid, valuable for market, cooking and drying. September.

RAMBO—Size medium, obolate, skin smooth, yellowish white in the shade; streaked and marbled pale yellow and red. September.

WEALTHY—Fruit medium, obolate, skin smooth whitish yellow, shaded with deep red in the sun.

WINTER VARIETIES

ARKANSAS BLACK—Large, very dark red, smooth, roundish flat, lightly dotted with white; flesh yellow, sub-acid; long keeper. November to April.

BALDWIN—A celebrated winter variety in the east. Large size, bright red; flesh yellow, juicy; very productive where it thrives.

BEN DAVIS—A splendid cooking variety. Yellow skin with red stripes.

GREENING—A splendid cooking variety. Fruit large; green, sometimes with red cheek.

JONATHAN—Medium growth; red and yellow; tender, juicy and rich; very productive. One of the best for table or market.

NORTHERN SPY—Large; bright yellow; juicy, crisp and tender. Splendid for table or cooking. Ready to eat in November and will keep in good condition.

SPITZENBURG—Large, round, brilliant red, with gray dots; firm, rich, crisp, juicy, spicy and delicious. Tree rather a slow grower, but with high culture forms a large and spreading tree; a good bearer and a popular fruit.

WINESAP—Medium, conical, dark red; very smooth. Acid to sub-acid, juicy and rich, very valuable for both family and market. Tree very hardy and an early and constant bearer.

YELLOW BELLFLOWER—Free growth; large, yellow; crisp, juicy, acid to sub-acid; very good. Ripening November.

CRAB APPLES

RED LARGE SIBERIAN—About an inch in diameter; grows in clusters; yellow, lively scarlet cheek. September. Price: Each, 50c.

APRICOTS

First Class Stock, 5 to 6 feet high.
Price: Each, 50c; 10 for \$4.50.

MOORPARK—One of the largest; color orange yellow, with red cheek; firm, juicy, with a rich flavor; very productive.

EARLY GOLDEN—Size small; color pale orange yellow; juicy and sweet; exquisite flavor.

CHERRIES

First Class Stock, 5 to 6 feet high.
Price: Each, 50c; 10 for \$4.50.

DYEHOUSE—A very early and sure bearer. Ripens a week before the Early Richmond.

RICHMOND—Medium size light red; melting, juicy, sprightly acid flavor. Tree healthy and productive.

MONTMORENCY—Large red cherry, ripening ten to fourteen days after Early Richmond.

WOOD (Sweet)—Large roundish, heart-shaped; light yellow shaded bright red; very good.

PEACHES

First Class Stock, 5 to 6 feet high.
Price: Each 35c; 10 for \$3.00.

FIRST RIPENING

ALEXANDER—About medium in size; greenish white, nearly covered with deep red.

CARMAN—Large, resembles Elberta in shape; color creamy white, with deep blush.

MAYFLOWER—Originated in North Carolina; very early; color perfectly red; a valuable market sort.

SECOND RIPENING

CHAMPION (Cling)—Originated at Nokomis, Ill. Flavor delicious, sweet, rich, juicy, surpassing all other early varieties. Skin creamy white with red cheek.

EARLY CRAWFORD—This very beautiful and best of yellow peaches is highly esteemed for market purposes.

ELBERTA—Supposed to be a seedling of Chinese Cling, but is entirely free. Very large, yellow, with red cheek; flesh yellow, firm, juicy.

MAMIE ROSS (Cling)—Very large, oblong; color similar to Chinese Cling, but has more of a red cheek.

WHITE HEATH—(C) Large, white.

PEARS

First Class Stock, 5 to 6 feet high.
Price: Each, 50c; 10 for \$4.50.

SHELDON (Fall variety)—Yellow and Russett, sweet.

HOWELL (Fall variety)—Large, sweet.

DUCHESS (Fall variety)—Large, sweet.

BARTLETT—Large, very rich.

KIEFFER—Winter, yellow red cheek.

BARTLETT—Seckel, good size, colored.

PLUMS

5 to 6 feet high.

Price: Each, 60c; 10 for \$5.50.

DAMSON (Common Blue)—A valuable market sort. It bears enormous crops.

GERMAN (Prune)—A large, oval variety; much esteemed for drying; color dark purple.

IMPERIAL GAGE—Fruit large, oval, skin pale green, flesh juicy, sweet, rich and excellent. Tree very vigorous and productive.

LOMBARD—Medium, round, oval, violet-red; juicy, pleasant and good; adheres to the stone.

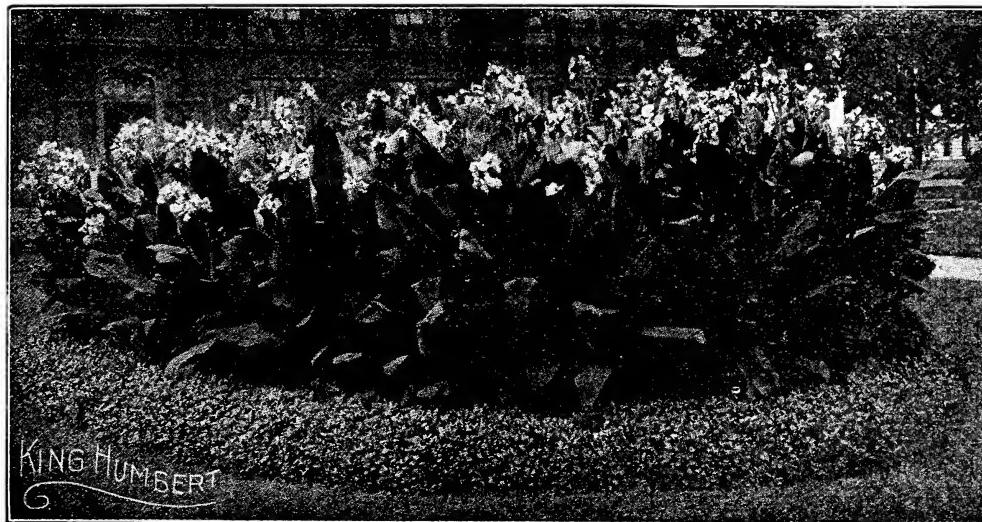
WILD GOOSE—Well-known, large, deep red when ripe. Good quality; one of the best native plums.

QUINCE

Price: Each, 60c; 10 for \$5.50.

BOURGEAT—The strongest and most distinct grower of all Quinces, with large foliage and very handsome fruit.

MEECH—A vigorous grower and immensely productive. The fruit is large, lively orange yellow.



KING HUMBERT

ORCHID or LARGE-FLOWERING CANNAS

Ready for shipment during March and April.

DORMANT Canna roots may be started indoors during March or April, but should not be set out until the weather is settled and the ground warm, usually May or June in this latitude. When planting dormant roots, do not set too deep. The eye should show a little through the ground. Plant in good, rich garden soil mixed with one-half of old, rotted stable manure. Set them about 18 inches apart each way. Water sparingly the first two weeks after planting; when growing freely, water liberally. Our list embraces the best of the novelties and old standard varieties, everyone of which we recommend to our customers. We give the approximate height attained by the different varieties so that they may be properly arranged in bedding.



Florida Canna.

BRONZE LEAF, RED FLOWERING

DAVID HARUM—A very fine, brilliant vermillion. Haw bronze foliage and is very free flowering. One of the finest bronze varieties for bedding. 3½ feet.
EGANDALE—Strong, compact flower stalks; currant flowers; bronze foliage. Finest of this variety. 4 feet high.

KING HUMBERT—A brilliant orange scarlet with bright red shadings. Large trusses of blooms, individual flowers being 6 inches in diameter. Foliage a rich reddish bronze with lighter shadings; is broad and massive, giving the plant a sturdy and stately appearance. 5 feet.

RED, GOLD-EDGED CANNAS

AUGUSTA—Crimson, with broad gold band; the finest bedder, and for pot culture unsurpassed. 4 feet.

ALEMANIA—The outer petals are scarlet, with a broad yellow border. Inside of blooms scarlet and dark red. Green foliage. 4 to 5 feet high.

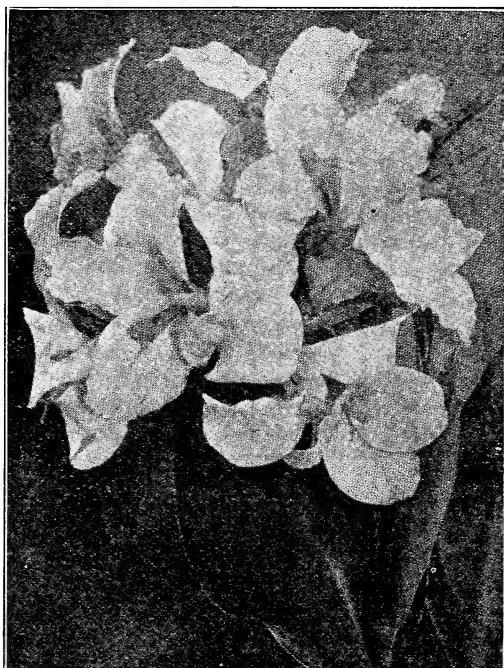
FLORIDA—Flower large, and orange scarlet in color, streaked and flamed with crimson and yellow; a good grower and profuse bloomer. Height, 4 feet.

ITALIA—The center of flower is brilliant red; the outer half of the circumference of each petal being a wide, irregular band of clear yellow. 4½ feet high.

MME. CROZY—Dazzling crimson scarlet, bordered with golden yellow; green foliage. 4 feet.

NIAGARA—Great, handsome trusses; rich, deep crimson, wide, irregular border of deep, golden yellow; fine bedder. True. 3 feet.

Extra Strong Roots—Price: Cannas in the above list, 75 cts. per doz.; \$5.00 per 100.

**Martha Washington.**

METEOR—Immense heads of large, rounded flowers well displayed above the foliage; brilliant crimson. Flowers keep well and are self-cleaning. 4 feet. **Price:** Each 10c; Doz., \$1.00.

ORANGE AND YELLOW SHADES

GLADIATOR—Enormous trusses of blooms. Flowers bright yellow, thickly spotted crimson; valuable bedding kind. 4 feet.

AUSTRIA—Pure canary-yellow; fine large open flowers, with few reddish dots in the centre of the two inside petals.

BURBANK—Very rooty and vigorous; color lemon yellow, thickly spotted on the throat with bright scarlet. 6 feet.

YELLOW KING HUMBERT—A green leaved sport of the popular King Humbert. It has the same habit of growth and free flowering qualities but the flowers are bright yellow and lightly spotted with red. **Price:** Each, 10c; Doz., \$1.00.

PINK FLOWERING CANNAS

LOUISE—A lovely flower of deep, seashell pink; medium sized flower; luxuriant growth of green foliage. Height 4 feet.

MRS. ALFRED F. CONRAD—A most remarkable variety, with exquisite salmon-pink flowers of largest size in erect and abundantly-furnished heads, so freely produced as to keep a superb showing of bloom for months; 4 feet.

MARTHA WASHINGTON—A compact, dwarf bedding Canna with a magnificent show of wide flower heads; color deep, brilliant rose. 3 feet.

Price all on this Page except mentioned:
Doz., 75c; 100 for \$5.00.

CANNAS—Continued

RED FLOWERING, GREEN FOLIAGE

ALPHONSE BOUVIER—Rich, velvety crimson. Green foliage. 6 to 7 feet high.

BLACK PRINCE—Flowers very dark velvety crimson, one of the richest of the crimson sort; the cluster of blooms is immense. Foliage dark green with bronze red stalks. Height 4½ feet.

CHARLES HENDERSON—Deep crimson yellow, flame at throat. 3½ feet high.

CRIMSON BEDDER—A fine sort with large spikes of glowing crimson; dark, metallic leaves. 4 feet.

DUKE OF MARLBOROUGH—Of all the deep crimsons this is the finest; exceptionally free flowering. Individual blooms very large.

LOUISIANA—A new giant, vivid scarlet-crimson Canna. The flowers are more than 6 inches across. It grows 6 feet high.

PENNSYLVANIA—Flowers are extra large, often measuring 7 inches across, and on the inside are vermillion scarlet. Foliage rich green. 5 feet high.



CALADIUM ESCULENTUM

(Elephant's Ear.)

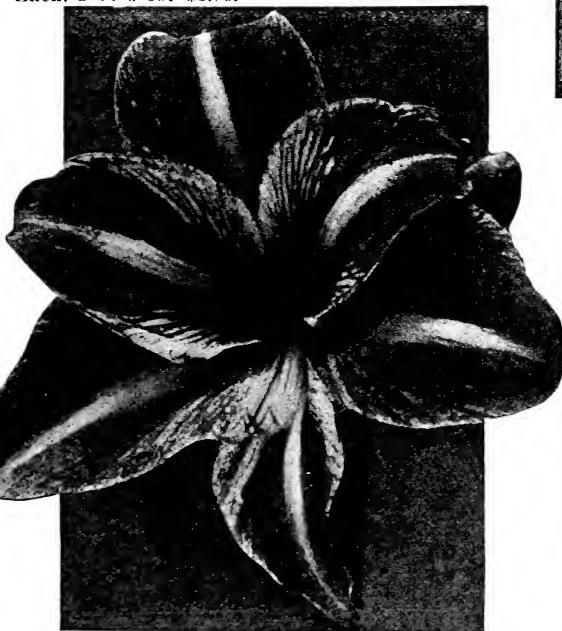
ONE of the most effective plants in cultivation for beds, borders or for planting out upon the lawn; they are used extensively in many of the public parks, where their decorative value is greatly appreciated. To obtain the best results it should be planted where it will obtain plenty of water and an abundance of rich compost. When full size it stands 5 to 7 feet high, and bears immense light green leaves, 3 to 4 feet long by 2 $\frac{1}{2}$ feet wide.

Per Weight

	Each	Doz.	Each
Mammoth bulbs	\$0.50	\$5.00	2 Lb.
Large " .....	.30	3.50	1 "
First Size " .....	.20	2.25	½ "
Medium " .....	.10	1.00	

FANCY LEAVED CALADIUMS

CALADIUMS, Fancy Leaved—Dry Bulbs, 1 $\frac{1}{2}$ to 2 inches in diameter. For window boxes, show plants or greenhouse growing they are invaluable. Rich, thrifty leaves, more handsome than Begonias; marbled, veined and striped with white, pink and dark red. Bulbs should be started into growth about April 1st, in a warm house. Price: Each, 20c; 6 for \$1.00.



Amaryllis Johnsonii.

CINNAMON VINE

A BEAUTIFUL, rapid-growing summer climber, with bright green, glossy foliage, and spikes of deliciously cinnamon-scented, white flowers. It is perfectly hardy, the stem dying down in winter, but growing with great rapidity in the spring, so as to cover any trellis or arbor very early in the season. Large, select roots. Price: Doz., 20c.

MADEIRA VINE

A FAVORITE tuberous-rooted climbing plant with dense and beautiful shining foliage and of very rapid growth, twining on strings to a great height or forming garlands in many fanciful forms. It will grow anywhere, but does best in a warm, sheltered, sunny location. It is also a very pretty plant for training around the windows in the house. Price: Lb., 20c. By Parcel Post add 5c Lb.



Caladium.

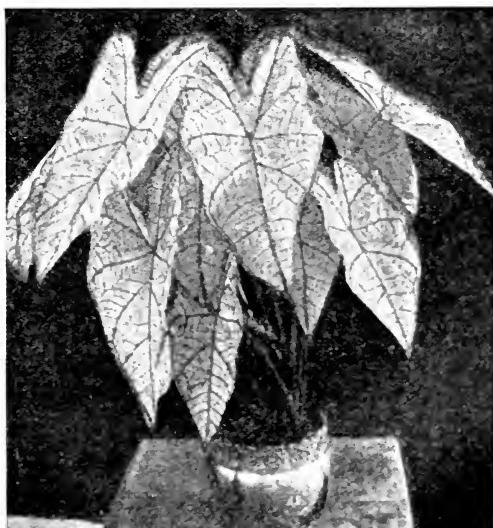
AMARYLLIS

(By Parcel Post add 5c Each.)

THE Amaryllis is pre-eminently a window garden plant for the amateur, producing under the simplest conditions one, two and even three spikes, two feet or more high, which are crowned with from there to six large and gorgeous trumpet-shaped blooms, which last long in good condition.

Each Doz.

	Each Doz.
JOHNSONII—Very large flower, of a rich crimson-scarlet color, striped with white	\$0.30
Extra large bulbs	\$3.00
Medium size .....	.20
	2.00

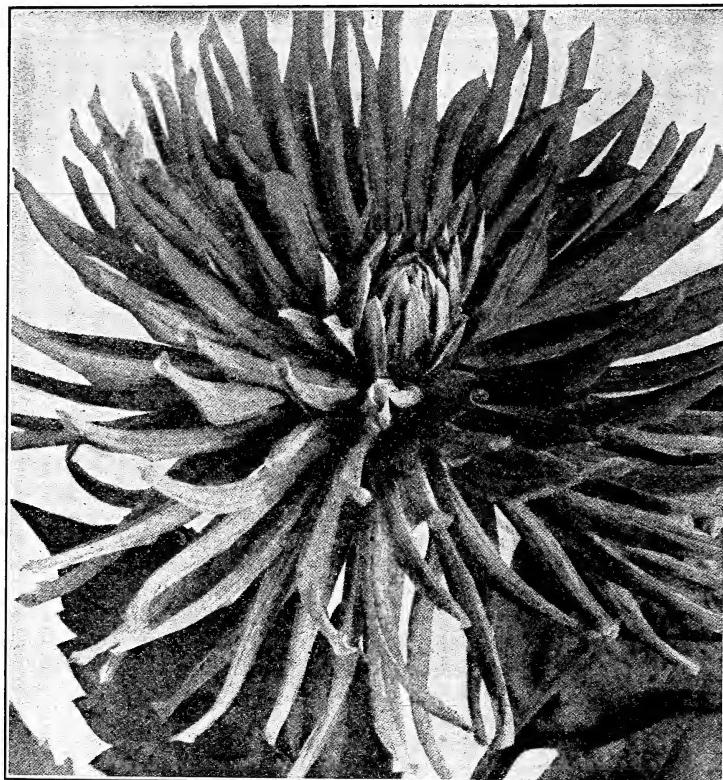


Fancy Leaved Caladium.

DAHLIAS

Dahlias by Parcel Post. See Page 2. Weight of Clumps about $\frac{1}{2}$ lb.

THE Dahlia deserves a place in every garden, much more so than it did twenty years ago; with the new varieties added each season and the extraordinary array of colors which they possess, the time must come when every lover of flowers will always have a few, if not large tracts, of these beautiful Summer and Fall flowers.



DOUBLE POMPON DAHLIAS

WHILE the Pompon varieties are not as extensively grown as the other double types they still have many admirers, their dainty little flowers are produced very freely.

ALLIE MOUREY—Light pink, tipped deep pink.

CATHERINE—Clear canary yellow.

CRIMSON BEAUTY—A fine and most effective brilliant scarlet variety, raised well above the foliage on strong, stiff stems; splendid for cutting and for garden decoration.

LITTLE BEAUTY—Soft silvery pink, closely quilled petals.

SNOWCLAD—Rather large, flattish flowers; white, with primrose bracts and pink tinge to upper petals.

SUNSHINE—Richest vermillion scarlet; splendid little flowers on long stems.

Price for the above: Each, 15c; Dozen, \$1.50.

TIME OF PLANTING—The time for planting Dahlias varies quite a good deal, according to the locality, whether sheltered or open, early or lateness of the season, and the time when the general crops are desired. In the Central States tubers may be set out as early as May 1st in some sections and from then until the middle of June. Some of our best blooms have been grown from tubers planted out about June 20, obtaining the choicest flowers during the latter part of September. Dahlias should be planted from $2\frac{1}{2}$ to 3 feet apart and covered to a depth of four inches.

CACTUS DAHLIAS

THIS is a selection of varieties made with a view of supplying the amateur with an assortment of Cactus sorts, which in our own experience we have found to be the freest-flowering sorts.

COUNTESS OF LONSDALE—A pleasing blending of salmon-pink and amber; an early and profuse bloomer under any conditions.

J. H. JACKSON—The finest black Cactus Dahlia in existence. An exceptionally satisfactory all-round Dahlia; one of the most prominent for garden decoration, superb as a cut-flower variety, and equally good as an exhibition flower. In color, a perfectly gorgeous deep, velvety blackish-maroon.

KLONDIKE—One of the most distinct flowers yet raised. The florets, which are of good shape, are bright golden yellow; the habit is upright and the stems carry the flowers well above the foliage.

KRIEMHILDE—The color is an exquisite shade of delicate shell-pink. The broad petals are white, forming a beautiful rosette of that color above the pink. It is a profuse bloomer of strong, upright habit.

LIBERTY—Brilliant cherry-red, margined rich velvety maroon. A strong vigorous grower, producing its immense semi-double flowers, 6 to 7 inches across, on 2 ft. stems, in greatest profusion.

MRS. EDWARD MAWLEY—Soft yellow of large size and fine form. Strong grower, and profuse bloomer on long stiff stems.

STANDARD BEARER—Bright, pure scarlet. Flowers large, thick and full to center, of symmetrical and perfectly round form, petals semi-quilled. Extraordinarily productive and one of the best red cut flowers.

WHITE KRIEMHILDE—A new, pure white Kriemhilde, and the best commercial white cactus dahlia, as it has the wonderful keeping qualities of Kriemhilde, in connection with a rigid stem.

DECORATIVE DAHLIAS

THE Decorative type of Dahlias being of a distinct class is nearly allied to the Cactus type. In habit and character of plants they are very similar; but in the blossom of the Decorative type the petals are very broad, their width being nearly half the length, while in the Cactus the petals are long and narrow and usually curled and twisted.

CATHERINE DUER—Cherry, scarlet, overlaid with crimson, darker at center; its iridescence is unique and very striking, winning much favor as a cut flower variety. Especially good under artificial light.

DELICE—A valuable addition to the cut-flower varieties; remains fresh long after cutting, long stems, perfect form. The color is a beautiful, soft glowing rose-pink, shading slightly lighter to the center.

FIRE KING—Very profuse bloomer, rich, cardinal red.

GRAND DUKE ALEXIS—A magnificent flower of largest size and distinctly unique form, as the petals are rolled up so that the edges overlap each other. The color is pure white, distinctly tinged delicate pink.

GOLDEN WEDDING—A giant in flower and plant. This is probably the largest of all Dahlias, while the color is that deep golden yellow found in the Golden Wedding Chrysanthemum. Not only entirely distinct but excelling in color, length of stem and size. A gorgeous variety for the garden or exhibition.

JACK ROSE—A magnificent sort, very free flowering and showy in the field, with long stems, and perfect form for cutting. Color, rich crimson-red, with maroon shadings at center.

LYNDHURST—One of the best bright scarlets, invaluable for cutting; large, perfectly full centers with long stems.

STORM KING—Still the finest of all white Show Dahlias. An extremely early, profuse and constant bloomer; a strong vigorous grower.

SYLVIA—Best described as a giant Nymphaea. Flowers 4 to 6 inches in diameter; of fine form and full to the center, which is white shaded to soft pink on the outer petals. Valuable cut-flower for long-distance shipments.

Price for the above: Each, 15c; Dozen, \$1.50.



Show or Fancy Dahlias.

SHOW AND FANCY DAHLIAS

THE name Show applies to varieties producing large, well formed flowers, having only solid colors, but may frequently have shaded tips. Fancy embraces all the variegated varieties.

ARABELLA—Sulphur yellow, tipped pinkish-white.
A. D. LIVONI—A splendid clear pink, beautifully quilled, of perfect form, and very free-flowering.

CRIMSON BALL—(Wacht am Rhine)—Bright crimson edged lighter.

PRINCESS VICTORIA—A sterling novelty, being the earliest and freest-flowering primrose-yellow.

RED HUSSAR—Tall, bushy, upright. Flowers, full, fiery cardinal, with bronze edge at bottom.

VIRGINIA MAULE—White, delicately suffused shrimp-pink; strong, vigorous grower; flowers borne on long stems well above foliage; of ideal form.

Price for the above: Each, 15c; Dozen, \$1.50.

PAEONY-FLOWERED DAHLIAS

THE Paeony-flowered Dahlia has made itself very popular with us and more so with our customers.

ATTRACTION (New introduction)—Large elegant flowers of a clear lilac rose color, long strong stem.

AVALANCHE (New introduction)—Pure white, the very best among the whites in the Paeony-flowered class. Award of Merit.

GERMANIA—Wine color, dark velvety crimson shaded with yellow; long, straight stems.

GEISHA—It is a superb combination of brilliant scarlet and gold, with an exquisite ring.

ST. LOUIS—One of the best Red Dahlias for cut flowers.

Price for the above: Each, 20c; Dozen, \$2.00.

Paeony-Flowered Dahlia.

SELECT GLADIOLI

Gladioli, by Parcel Post, add 5c per Doz.

THE Gladiolus is one of the most called-for of our Summer-flowering bulbs.

In the following list of varieties we offer only those which we have grown with satisfactory results.

It is needless to say that Gladioli at the present time produce some of the finest colors and most exquisite shades; especially beautiful are the delicate contrasts of the outer segments and the deep veining and heavily colored blotches of the throat, thus making the Gladiolus one of the most attractive Summer-flowering bulbs. We advise the

When mass effect is desired, bulbs should be planted from six to eight inches apart and four inches deep; this applies to planting in beds, borders and among shrubbery. We recommend the purchasing of Gladioli as early as possible, especially of the new and choice sorts. Most of the recent introductions do not produce bulblets as readily as the more common varieties, and the supply is always limited, to a certain extent.

Early orders usually get more prompt attention, and we can devote more time to each order than it is possible to allow during April and May. Why not start a bed of Gladioli this Spring, and be surprised with the results?

In cutting Gladioli for the house, it is best to cut the spikes as soon as the first one or two lower flowers are open. The remainder will open in the house. Remove the faded flowers, cut a little off the stem, and change the water every day; treated in this way, a spike will last a week or ten days.

AMERICA—A splendid new Gladiolus. The color is a soft pink very much like the Enchantress Carnation except slightly tinged with lavender, effecting a perfect color harmony. A splendid bedding sort and an excellent cut flower. In 1907 the America was awarded the Certificate of Merit, by the Horticultural Society of Washington, Boston and New York. It is undoubtedly the most desirable variety in the market. Extra large bulbs. Price: Doz., 35c; 100 for \$2.50.

AUGUSTA—Flowers are of perfect paper white, with a slight pink shade on lower half of the petal. The spike is set solid and perfect with the flowers from top to bottom. Price: Doz., 30c; 100 for \$2.25.

BARON HULOT—Rich, royal violet-blue; one of the finest in its color. When this Gladiolus is cut and arranged in combination with Sulphur King, the contrast is truly exquisite, and it should be in every collection. Price: Doz., 35c; 100 for \$2.50.

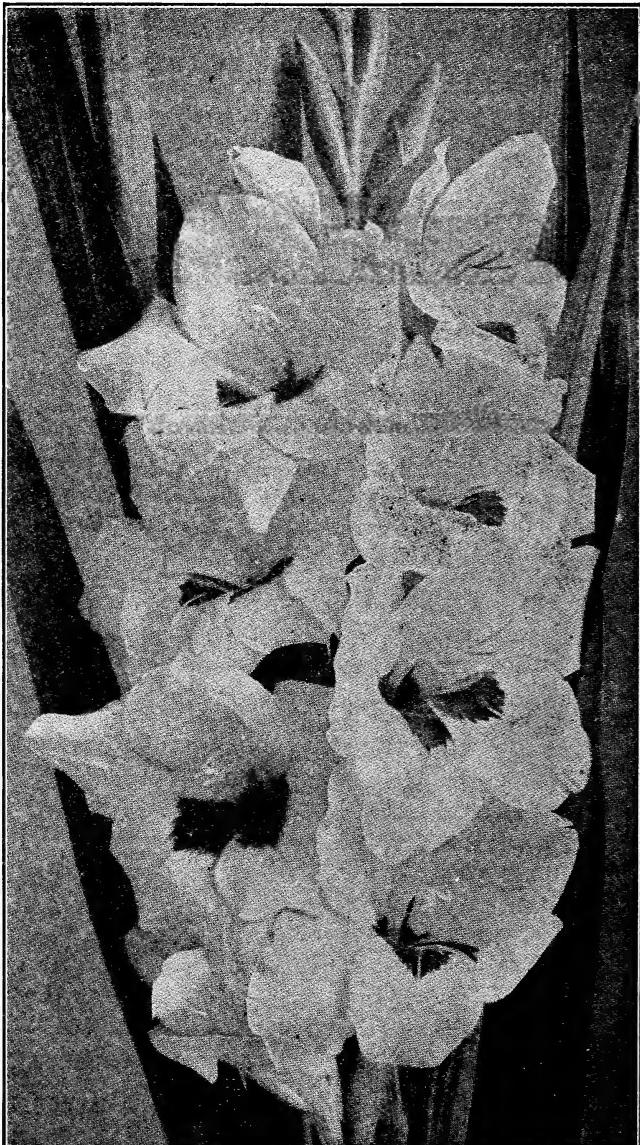
BRENCHLEYENSIS—One of the oldest and most popular of the hybrids. Vivid scarlet flowers of medium size but so many open at one time they make a very brilliant display. Price: Doz., 25c; 100 for \$2.00.

CHICAGO WHITE—A fine white variety with lavender stripes on lower petals. Medium sized flowers borne on a tall spike and from seven to eight flowers open at one time. Price: Doz., 45c; 100 for \$3.50.

planting of Gladioli during May and June, and should successive plantings be made, flowers may be had until October.

Gladioli thrive in almost any good garden soil; but if well prepared, by adding stable manure, better results may be obtained.

Exposure to the sun is necessary at all times. Bulbs may be planted in rows single or double, leaving about four inches between bulbs and drills two feet apart; plant the bulbs four inches deep. This method is most advisable when growing for cut blooms.



America.

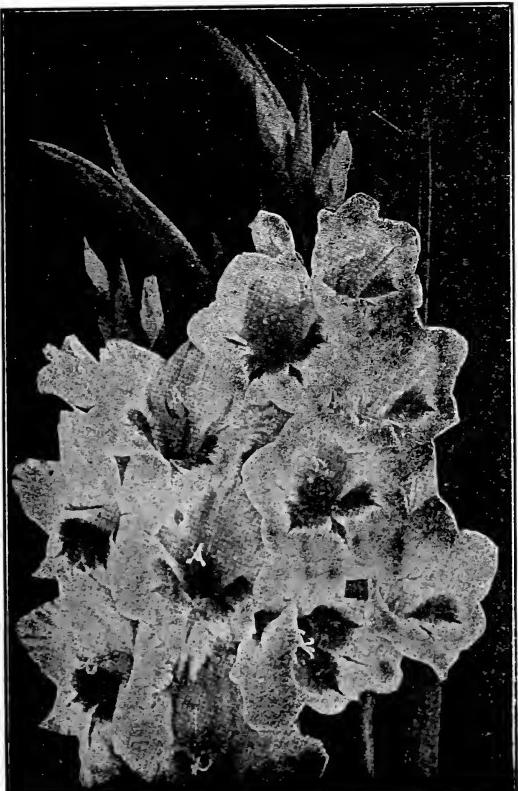
GLADIOLI—Continued

LILY LEHMAN—This new variety is of perfect form, produced on strong, stiff, tall spikes, usually bearing from 20 to 25 pure white blooms. The flowers open very rapidly and it is not uncommon to have from ten to twelve of these open at the same time; the formation is very close and compact, making a perfect spike from the time when the first bud opens until the last. **Price:** Doz., 45c; 100 for \$3.50.

GLORY OF HOLLAND—A new white with slight tinting of pale pink and anthers of delicate lavender. Blossoms large and gracefully set on a tall spike. One of the finest whites. **Price:** Doz., 30c; 100 for \$2.25.

HALLEY—The predominating color of these flowers is delicate salmon pink with a slight roseate tinge, though the lower petals bear a creamy blotch with a stripe of bright red through the center, the whole producing a delightful effect. **Price:** Doz., 25c; 100 for \$1.75.

PANAMA—Exquisite and magnificent, being fully the equal of America in form and size, but superior to it in color, being more on the order of salmon-pink. Wherever this variety has been exhibited it has secured first premiums. European growers have endeavored to secure the entire stock. **Price:** Doz., 40c; 100 for \$3.00.



MRS. FRANCIS KING—Is a strong grower, vigorous and healthy. Has long, strong foliage and effective flower-spikes, with a goodly number of reserve buds continually opening. The magnificent flowers measure 4½ inches across, and there are five or six flowers well spread out on the spike at the same time, giving for vases in hotel lobbies and dining-rooms, parlor decorations, etc., an effect not produced by any other Gladiolus. The color, brilliant flamingo-pink, blazed with vermillion-red. **Price:** Doz., 30c; 100 for \$2.25.

NIAGARA—In type the variety resembles America, but the flowers appear to be somewhat larger, measuring 4½ inches across. In color the flowers are a delightful cream shade with the two lower inside petals or segments blending to canary yellow. The throat is splashed with carmine, and the lower ends of the outside petal's are also blushed with carmine. The stamens are purple and the stigmas pale carmine, this little addition in the coloring relieving the creamy effect of the petals. **Price:** Doz., 45c; 100 for \$3.50.

PEACE—One of the grandest white introductions of 1912, that will retain its place among the good white varieties for some time to come. The pale lilac feathering on the inferior petals, together with its strong, broad, rich green foliage and spike, make it a most desirable Gladiolus in any collection. This variety seems to produce blooms of a better white later in the season than most sorts. Bulbs planted late in June have produced wonderful flowers in September. **Price:** Doz., 60c; 100 for \$4.50.

PRINCEPS, GIANT FLOWERED GLADIOLUS—This magnificent new hybrid is an unusually healthy robust variety, producing spikes often 3 feet long, carrying from 18 to 22 broad, round-petaled immense flowers, about 6 inches across, of perfect and open form and waxy substance. The coloring is glowing scarlet-crimson, enlivened below the throat by a large-feathered white blotch sprinkled with scarlet. The spikes continue to lengthen and produce bloom for several weeks; often four of these glorious flowers are expanded at one time. **Price:** Doz., 40c; 100 for \$3.00.

GLADIOLUS MIXTURES GARDEN MIXTURE

THIS is our popular, low-priced mixture, and is composed of fine sorts, in all colors, in first-size bulbs only. We have tested many brands of mixtures, some of them costing twice as much as this, but have never seen any which surpassed it in variety of coloring or general excellence, and, whether wanted for planting for effect or for cutting, will be found entirely satisfactory. **Price:** Doz., 20c; 100 for \$1.25.

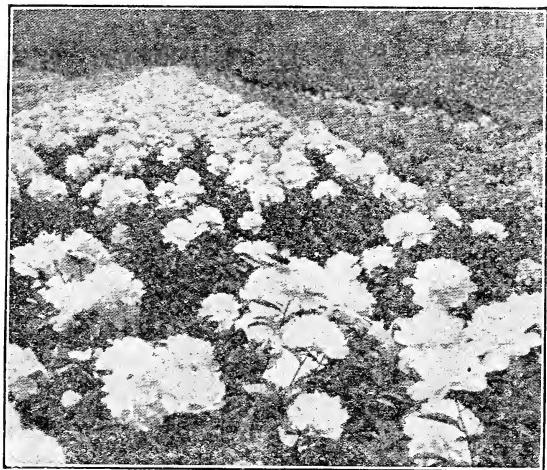
ST. L. S. CO., SUPERB MIXTURE

COMPOSED of choicest named varieties, including the finest, showy, large flowering seedlings, and latest introductions. All are strong, healthy, upright growth and flowers are of immense size. We prepare this mixture for those who desire a complete range of color and in large quantities at a reasonable price. It will be found of exceptional value, quality and diversity of color. We offer large blooming bulbs only. Nothing better has ever been offered for the price. **Price:** Doz., 20c; 100 for \$1.25.

HERBACEOUS PEONIES

Sent by Express Only.

Time of Delivery—All roots can be delivered from early March until the end of April, and again from September on and until freezing time in the Fall.



CANDIDISSIMA (Calot)—Large, cream-white guard petals; center sulphur-yellow, with green heart, very full and compact; habit slightly drooping. The earliest of the white-and-yellow varieties. **Price:** Each, 25c; 10 for \$2.25.

COURONNE D'OR—Immense ball-shaped blooms, snow white with golden yellow stamens and delicate carmine markings on the central petals. **Price:** Each, 35c; 10 for \$3.00.

DUCHESSE D'ORLEANS—Deep, pink fine bud, one of the best keepers. **Price:** Each, 25c; 10 for \$2.25.

EDULIS SUPERBA—Beautiful deep rose pink, large and of good form, fragrant, and one of the earliest. Growth strong, vigorous, blooms profusely and an extra good variety for cut flowers. **Price:** Each, 25c; 10 for \$2.25.

FELIX CROUSSE (Late)—Deep glowing crimson without stamens; very large and very full rose type flower; fragrant; a vigorous grower with long, strong stems and a free bloomer; very late. A magnificent variety. **Price:** Each, 50c; 10 for \$4.50.

MARIE LEMOINE—Large, very compact, rose type, pure white with cream white center. Odor pleasant. Medium height. Late. **Price:** Each, 35c; 10 for \$3.25.

MME. DE VERNEVILLE—Broad sulphur white guard petals and compact white centre, touched carmine. **Price:** Each, 30c; 10 for \$2.50.

NANS. BELLART—Bright purplish crimson, tall, good bloomer. **Price:** Each, 30c; 10 for \$2.50.

ZOE CALOT—Beautiful rose pink, large and of good form, fragrant, and one of the earliest. Growth strong, vigorous, blooms profusely and an extra good variety for cut flowers. **Price:** Each, 35c; 10 for \$3.25.

PÆONIA OFFICINALIS

THIS type is the old-fashioned "Paeony," and comes into bloom from ten days to two weeks ahead of the sorts on opposite page. All are strong growers, with large, full, double, fragrant flowers.

RUBRA—Brilliant, glowing, deep crimson. **Price:** Each, 30c; 10 for \$2.50.

THE old-fashioned *Paeonia officinalis* of our grandmother's garden, while still popular because of their early flowering, have been eclipsed by the wonderful improvement sorts introduced in recent years. They are the "Queen of Spring Flowers," and are well adapted for massing in beds, and particularly valuable for planting in groups throughout the perennial or shrubbery border where their brilliant hues add attraction to all around. Their requirements are so simple—a good, rich, deep soil, and an open, sunny position, which, however, is not absolutely necessary, as they thrive almost equally well in a partly shaded position, and a liberal supply of water during their growing season being sufficient to give an abundance and wealth of flowers, which rival the finest roses in coloring and fragrance, and produce during their flowering season a gorgeous effect not equalled by any flower. They are perfectly hardy, requiring no protection whatever, even in the most severe climate, are not troubled with insect pests or diseases of any kind, and once planted take care of themselves, increasing in beauty each year.

An important point to observe in the planting of Herbaceous Peonies is not to plant too deep. The roots should be placed so that the crowns are covered with 2 inches of soil. Too deep planting is a frequent cause of shy flowering.



TUBEROSE

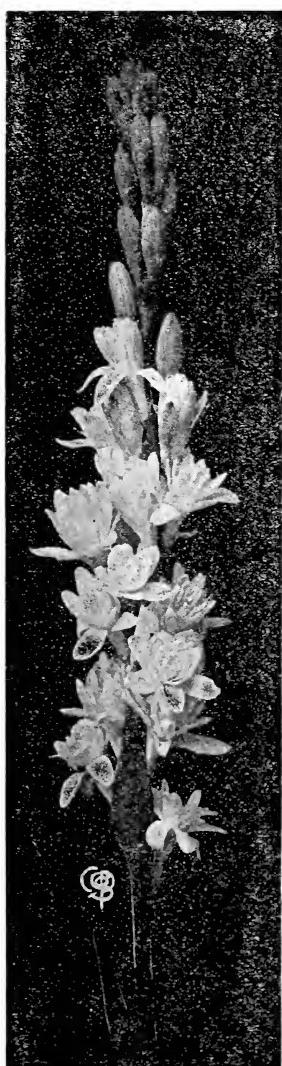
By Mail add 10c Doz. Postage.

THE flowers of this popular plant are waxy-white, one of the most delightfully fragrant and beautiful of the summer-flowering bulbs. By skillful management a succession of flowers may be obtained all the year round. For early flowers they can be started in February or March in the greenhouse or hotbed; and for a succession they can be planted at intervals as late as July. For flowering in the open border, plant about the middle of May, or as soon as the ground becomes warm.

EXCELSIOR DOUBLE PEARL—Extra large bulbs.
Price: 6 for 15c; Doz., 25c; 100, \$2.00.

VARIEGATED-LEAVED—A single white Tuberose. The flower spikes are very large and evenly filled; it commences to flower in July and August. Showy and effective, even when not in bloom, the foliage being distinctly striped white and green.
Price: Doz., 25c; 100, \$2.00.

ARMSTRONG'S EVER-BLOOMING—This variety blooms year after year and produces single pure white flowers of a fragrance similar to that of the "Jasmine." It makes a splendid cut flower and should be in everyone's garden.
Price: Doz., 25c; 100, \$2.00.



Tuberoses.



Liriope speciosum rubrum.

HARDY JAPAN LILIES

By Mail add 15c Doz. Postage.

LIIES have always been regarded as among the most beautiful of garden plants. Of queenly beauty, faultless purity and stately form, too much cannot be said in their praise and we are glad to notice their increasing popularity from year to year.

Bulbs should be planted as soon as the frost is out of the ground; the earlier the better. Select a well drained spot, dig the soil deep and make it fine, enriching it abundantly with well rotted cow manure, adding a liberal mixture of sand. Set the bulbs from three to five inches deep, according to size. Care should be taken that they have proper drainage, no water being allowed to stand around the roots. Once firmly established, they should not be disturbed oftener than once in five years.

AURATUM—The glorious, gold-banded lily of Japan and one of the most superb plants in cultivation. Its immense ivory-white flowers are thickly studded with yellow and crimson spots, while in the center of each petal is a golden band, fading at its edges into the white. Such choice bulbs as we offer, if well cared for, will give five to ten magnificent flowers the first year and under good cultivation will, after becoming well established give from ten to fifty.

Medium size, 8/9.....
Price: Doz., \$1.20; 100 for \$9.00

Mammoth size 11/13.....
Price: Doz., \$2.00; 100 for \$16.00

MELPOMENE—Words cannot describe the beauty of this variety. Frosted white spotted, clouded and bordered with pinkish crimson. Petals deeply recurved and widely bordered.

Medium size, 8/9.....
Price: Doz., \$1.20; 100 for \$9.00

Mammoth size 11/13.....
Price: Doz., \$2.00; 100 for \$16.00

SPECIOSUM RUBRUM—No words can overstate the brilliant beauty of these famous Japanese Lilies. The six broad white or pink petals are thickly dotted with rose or crimson spots and the graceful form and brilliant color make them very effective and desirable. Especially thrifty and hardy. One of the best for garden culture.

Medium size, 8/9.....
Price: Doz., \$1.20; 100 for \$9.00

Mammoth size 11/13.....
Price: Doz., \$2.00; 100 for \$16.00

SPECIOSUM ALBUM—Pure white flowers with a greenish band through the center of each petal; of great substance, very fragrant. One of the best for general culture.

Medium size, 8/9.....
Price: Doz., \$1.20; 100 for \$9.00

Mammoth size 11/13.....
Price: Doz., \$2.00; 100 for \$16.00

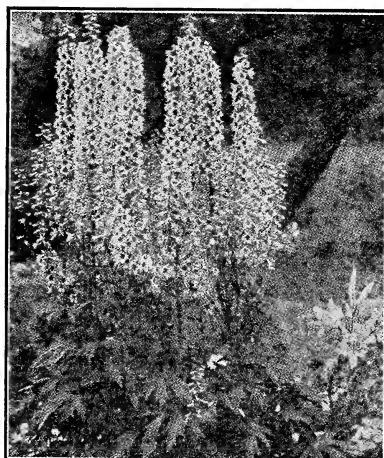
TRIGRINUM FLORE PLENO (Double Tiger Lily)—This magnificent lily is of stately habit, bearing great clusters of very large, double flowers on tall, strong stems; color, bright orange-red spotted with black. Height out doors in the open usually three to six feet. Price: Each, 10c; Doz., \$1.00.

HARDY PERENNIAL PLANTS

Plants ready for Delivery about April 20th.

Perennial plants in Doz. lots best sent by Express.

OF ALL the plants that are cultivated for purely ornamental purposes there are none which have made such rapid strides in public favor as the Old-fashioned Hardy Garden Flowers, the inhabitants of the perennial garden. Their popularity is not at all surprising when we consider the many varied and pleasant changes which take place throughout the entire growing season in a well-arranged hardy garden, in which every week—yes, every day—brings forth something fresh and new to interest and delight even the most critical.



Delphinium-Larkspur.

Dianthus Plumarius—**Her Majesty**—Very fragrant flowers, large, double and pure white. Excellent for cutting.

PLUMARIUS, Assorted—Hardy Carnation, in colors of red, white and pink. June and July, 1 ft.

PERPETUAL SNOW—Pure white, double and very large. The flowers are delicately scented and the stems strong. It blooms constantly and freely.

Delphinium-Hardy Larkspur—The Larkspurs are one of the most important and most satisfactory plants in the herbaceous garden, and should be planted extensively even in the smallest garden. Their long spikes of flowers are produced continuously from June until late in the fall, if the precaution is taken to remove the flower stems before they can produce seed.

CHINENSE—A very pretty and effective variety, varying in color through all the lighter shades of blue to almost white.

CHINENSE ALBUM—A pure white form of above.

FORMOSUM—Probably the best known and most popular of the Larkspurs, producing long spikes of deep blue flowers, with white eye; one of the best; 3 to 4 feet high.

BELLADONNA—Cannot be recommended too highly on account of its large, lovely sky-blue flowers, remarkable free-flowering; beginning in May, it continues a mass of bloom until late in fall; 3 to 4 feet high.

Digitalis (Foxglove)—Old-fashioned hardy biennial plants, with broad foliage and showy flowers borne on spikes. June and July.

Dielytra Spectabilis (Bleeding Heart or Seal Flower)—Adapted for out-door planting, doing splendidly in semi-shaded position or for forcing for early spring blooming. It bears long racemes of graceful, heart-shaped pink flowers; 18 inches high. Price: Strong Roots, 20c; 6 for \$1.00.

Gaillardia Grandiflora—One of the showiest of perennials. Ray flowers ranging from red to yellow, around a dark maroon center. 3 ft. June to frost.

Gypsophila Paniculata (Baby's Breath)—Minute white flowers borne in enormous quality in open panicles during Summer months. Valuable for cutting. 3 ft.

All the above except noted 20c, 10 for \$1.75.

Acanthus Mollis (*Bear's Breech*)—Deeply cut shiny foliage, flowers white. July to September. 3 ft.

Anthemis Kelwayi—Bright yellow flowers; Daisy-like. July to September. 2 ft.

Asters - Hardy Amethystinus—Lovely amethyst-blue flowers; 3 feet.

Laevis—Lavender blue; 4 feet.

Mrs. F. W. Raynor—Light reddish violet; 4 feet.

Novae Angliae—Bright violet purple; 4 feet.

Novae Angiae Rosea—Bright purplish-mauve; 4 feet.

Tartaricas—Distinct; bluish violet; 6 feet.

White Queen—Large white; very free; 4 feet.

Aquilegia Chrysanthia—Flowers are a pure golden yellow with long spurs. Very fragrant and one of the best of the Columbines. June to September.

Campanula Media (*Canterbury Bells*)—Old-fashioned hardy biennials that rank among the most popular of our garden plants, growing to a height of 2½ to 3 ft. Flowers large, bell-shaped, produced in June and July.

PYRAMIDALIS—The most conspicuous of all Campanulas. Forming a perfect pyramid four to six feet high; crowned with large saucer-like flowers.

Bellis Perennis - English Daisy—Flowers double, white and pink. Price: 6 for 25c.

Coreopsis—**Lanceolata Grandiflora**—This handsome variety is now probably the most popular perennial plant in cultivation. It is continually one mass of golden-yellow flowers.

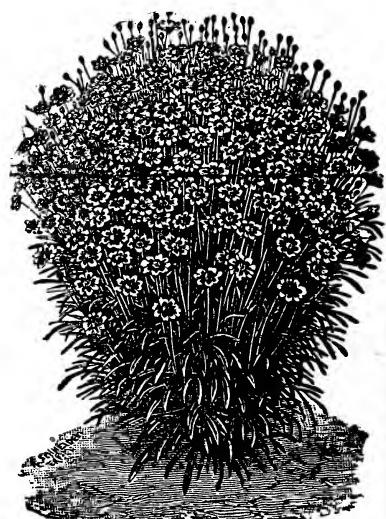
Chrysanthemum—One of the most popular of all perennials. They produce a lavish profusion of blooms, giving color, life and beauty to the garden just at a time when other plants have been killed by frost.

EAGLE d'OR—Finest golden yellow.

GOLDEN FLEECE—Clear yellow.

PRINCESS OF WALES—A fine white.

QUEEN OF BULGARIA—Rich rose-crimson.



Coreopsis.

PERENNIAL PLANTS—Continued

GRASSES (Hardy Ornamental)

FOR single specimens, beds or groups on the lawn nothing gives a finer effect than these. They are now largely used in prominent positions in many of the public parks, etc.

EULALIA JAPONICA VARIEGATA—A very graceful, tall variety from Japan. Its long, narrow leaf-blades are striped green, white and often pink or yellow. It throws up stalks from 4 to 6 feet in height, terminated with a cluster of flower spikes.

FESTUCA GLAUCA (Blue Fescue)—A pretty dwarf tufted grass, with glaucous foliage.

GYNERIUM ARGENTEUM (Pampas Grass)—One of the most effective. Its silvery plumes are produced on stems 8 to 10 feet high. Well established plants can remain in the open ground if protected.

Hollyhocks—Perfectly hardy and grow to a height of 6 or 8 ft. The plants, when in full bloom, are ornaments to any garden. The tall stalks, covered with large, brilliant flowers, stand out prominently and attract great attention.

CHATER'S PRIZE DOUBLE—This strain, without doubt, is the equal of any other in range of color, perfection of form and percentage of double flowers. Pure White, Red, Bright Rose, Deep Maroon, Sulphur Yellow.

SINGLE—In separate colors. Bright Rose, Red, Sulphur Yellow, White.

Hibiscus Crimson Eye—Large, showy white flowers with a crimson-purple eye. August and September.

Lobelias Cardinals (Cardinal Flowers)—Rich, fiery scarlet flowers; 24-36-inch spikes, each plant producing 10 to 18 spikes; July to September. Thrives in a moist situation.

Pansy Plants Mixed Color, Select strain ready April 1st. Price: 6 Plants, 30c; 12 for 60c.

Phlox Paniculata - Hardy—The Perennial Phloxes are among the most useful and desirable of our hardy herbaceous plants, and should be planted largely. Range in height from 1 to 3 feet.

ALBION (Medium)—Very large panicles of pure white flowers with a faint aniline-red eye.

BERANGER (Dwarf)—Ground color white, delicately suffused with rosy pink, distinct amaranth-red eye.

ELIZABETH CAMPBELL (Dwarf)—Very bright salmon-pink, with lighter shadings and dark crimson eye, an entirely new and much wanted shade in Phlox.

JEANNE D'ARC (Tall)—A good standard late white.

VESUVIUS (Medium)—Pure red, with bright purple eye, a dazzling color.

Pinks - Hardy Garden—Dwarf, hardy pinks, bearing double flowers of rich colors, decided improvements on the old sorts; 6 to 9 inches high.

Shasta Daisies Burbank's "Alaska"—A decided improvement on the original; very free-flowering, with blooms 4½ to 5 inches across, of pure glistening white.

Stokesia—*Cyanæa*—Bears handsome lavender-blue flowers from July to October,

Sweet William (Dianthus) *Barbatus* Single

Sweet William has been esteemed as one of the finest of our hardy garden plants, being of easy culture, thriving in any good garden soil and lasting for years.

Violets—These hardy varieties will give satisfaction, blooming profusely in the early Spring.

Price: Each, 20c; 10 for \$1.75.



Sweet William.

IRIS

Iris Germanica - Fleur de Lis—The German Iris is one of the most desirable early spring flowering plants. The flowers are of large size and exquisite colors. No garden should be without a collection of these popular flowers. We have a fine list of varieties. Grow about 2 to 2½ feet high, unless otherwise mentioned.

- 1. **Aurea**—Clear golden yellow; fine.
- 2. **Bougere**—Lilac and velvety purple; distinct; 18 inches.
- 3. **Blue Boy**—Standards and falls a beautiful lavender-blue.
- 4. **Celeste**—Delicate light lavender blue.
- 5. **Florentina**—White, tinged with blue and yellow. Price all the above Each, 20c; 10 for \$1.50.

Iris Kaempferi (Japanese Iris)—These magnificent Irises are among the most beautiful of our summer-flowering plants, and are destined to become more popular every season. They commence blooming about the middle of June and continue in bloom for five or six weeks.

- 6. **Tora-odori**—White, faintly traced with violet.
- 7. **Yomi-no-umi**—A fine, free flowering early creamy-white. 6 petals.
- 8. **Koko-no-iro**—Light violet-purple with white veins.
- 9. **Date-dogu**—Bright violet-purple.
- 10. **Yoshimo**—Creamy-white, delicately veined with violet. 6 petals.
- 11. **Schuchukwa**—Crimson-purple with large white veins and center.
- 12. **Kagaribi**—Ground silvery white, marbled ultramarine blue. 6 petals.
- 13. **Geisho**—Bright crimson purple, with white veins and halo. 6 petals.

Price: Each, 20c; 10 for \$1.75.

GENUINE
"PHILADELPHIA"
LAWN MOWERS

ARE MADE OF THE VANADIUM CRUCIBLE STEEL

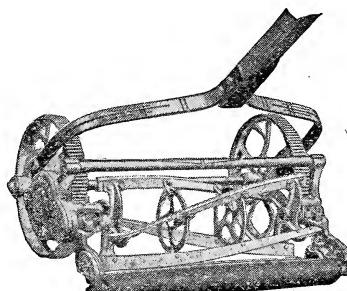
All Mowers Guaranteed to give perfect satisfaction.

GOLF MOWER

RECOMMENDED especially for Putting greens now found in many prominent golf-courses. It is also adapted for tennis-courts, cricket-creases, and other lawns requiring a close, smooth cut, or the ordinary lawns. This mower will cut to $\frac{1}{8}$ of an inch.

Cylinder with 8 blades, Driving Wheel, 10 inches, Diameter of Cylinder, $7\frac{1}{2}$ inches, Train of 3 gears, Double Ratchet. Removable Box Caps to take out Cylinder for sharpening. Fitted with self-oiling Cups, lasting for 5 hours continuous use.

Size	Price
19-inch	\$22.00



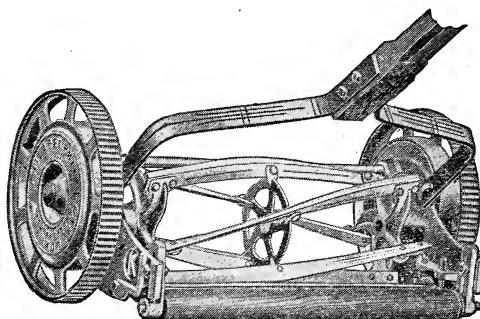
Philadelphia, Style A.

STYLE GRAHAM ALL STEEL

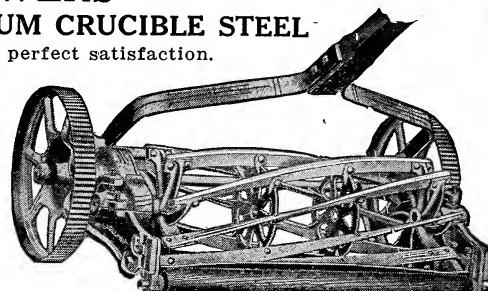
THE genuine All Steel "Philadelphia" is recognized as the standard Lawn Mower. It is guaranteed against imperfections and warranted to give entire satisfaction.

Cylinder with 4 blades, Driving Wheel, 10 inches, Diameter of Cylinder, $6\frac{1}{2}$ inches, Train of 3 gears, Double Ratchet.

Size	Price
17-inch	\$20.00
19-inch	22.50



Philadelphia, Style K.



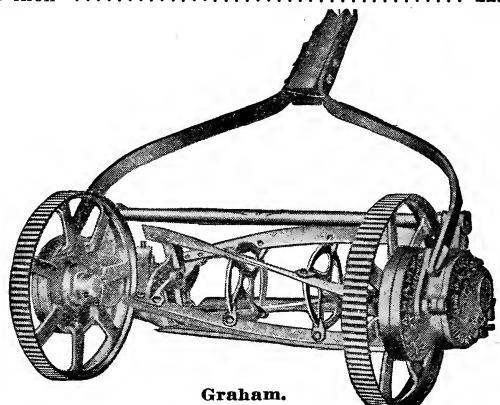
Golf Mower.

STYLE A ALL STEEL

MADE entirely of steel—Light in weight and draft; has long and large bearings. A durable and satisfactory mower for fine work.

Cylinder with 4-in. Blades. Driving Wheel 10 in. Diameter of Cylinder $6\frac{1}{2}$ in. Train of 3 gears. Double Ratchet.

Size	Price
17-inch	\$18.50
19-inch	20.50
21-inch	22.50



Graham.

STYLE K ALL STEEL

SINGLE pinion, geared on both sides. For all-round general purposes this is one of the best style mowers on the market. With its high wheels it runs light, and with five knives it cuts smooth and even, with the principles of construction so evenly balanced that it has the greatest amount of durability.

Cylinder with 5 blades, Driving Wheel, 10 inches, Diameter of Cylinder, $6\frac{1}{2}$ inches.

Size	Price
16-inch	\$14.25
18-inch	16.25
20-inch	18.25

GRASS CATCHER

GAUGE Galvanized Wire Frame, Covered with Extra Quality 8 ounce Green and White Striped Canvas, sides and back.
 Price: 14-inch and 16-inch, \$1.50; 18-inch and 20-inch, \$1.75.

EVERY PART OF A GENUINE

"PHILADELPHIA"

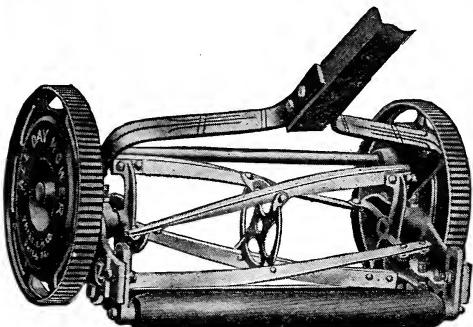
IS MECHANICALLY PERFECT

INDEPENDENCE

THESSE mowers are made of the finest material it is possible to procure, by expert mechanics and in the same high class manner, in the same factory where the Genuine "PHILADELPHIA" Mowers have been made for over 46 years, and which have become famous throughout the world.

ROLLER BEARING—9-inch wheel, 4 blades.

Size	Price
16-inch	\$12.00
18-inch	12.25



All Day.

NEW

FOR all-round general purposes this is one of the best style Mowers on the market. With its high wheels it runs light, and 3 knives it cuts smooth and even.

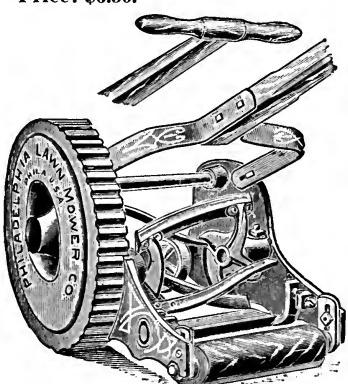
Cylinder with 3 blades, Driving Wheel, 8 inches, Diameter of Cylinder, 5 1/4 inches.

Size	Price
16-inch	\$7.00
18-inch	8.25

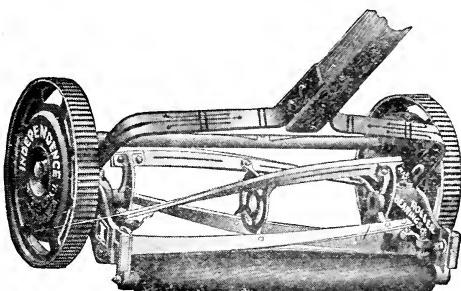
LAWN TRIMMER

AN EXCELLENT machine for finishing and trimming fine lawns and borders. A saving of time and easier than trimming by hand, producing better results.

Cylinder with 4 blades, Driving Wheel, 8 inches, Diameter of Cylinder, 5 1/4 in. Cuts within 1/4 inch of Edge. Price: \$6.50.



Lawn Trimmer.



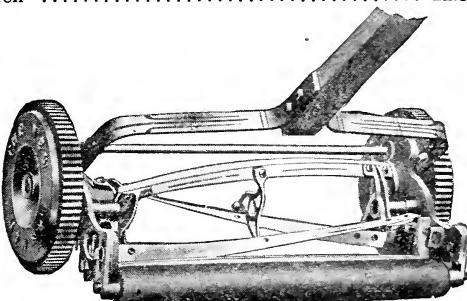
Independence.

ALL DAY

SUPERIOR to other low-priced mowers. It is mechanically proportioned, runs light, and does fine work. Thousands now in use. 10-inch wheels; 4 blades.

Cylinder with 4 blades, Driving Wheel, 10 inches, Diameter of Cylinder, 6 1/2 inches.

Size	Price
16-inch	\$11.50
18-inch	12.50



New.

ROLLER MOWER

THIS Roller Mower is specially designed for use on well kept Lawns, Tennis Courts, Golf Links, Bowling Greens and Cricket Grounds, where very low, fine and even work is essential.

Specially designed Grass Boxes can be furnished when desired. The Mower can also be supplied with adjustable wooden front roller in place of front wheels.

7-inch Cylinder with 6 blades; Height of Drums, 12 inches; Height of Cut 1/8 to 3/4 inches. Price: 18-inch, \$30.00.

Genuine "PHILADELPHIA" 36-INCH HORSE LAWN MOWER

CYLINDER blades of Vanadium Crucible Steel are bolted to malleable iron sections, and each section has an adjusting screw directly under each blade for the purpose of keeping the cylinder blades true. It has a flexible frame for the purpose of raising cutting cylinder when crossing walks or to clear obstructions of any character. This is operated by a lever alongside the operator.

Diameter of Cylinder, 8 1/4 inches.

Height of Driving Roller, 13 3/8 inches.

Cylinder open, with 4 blades.

Price: \$160.00.

LAWN ROLLERS

DUNHAM "WATER WEIGHT" ROLLER

WITH a Water Ballast Roller one can secure any weight desired, between minimum and maximum, by simply removing a thumb-cap from each end and filling the two hollow sections with as much water or sand as may be needed, which is easily and quickly done with a hose or through a funnel; and the roller is as quickly emptied. The inside being heavily galvanized, it will last for years.

With Counter-Balancing Handle Weights.

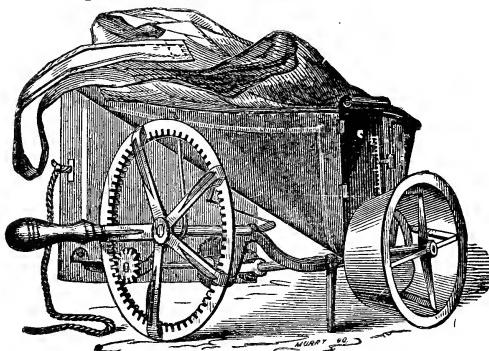
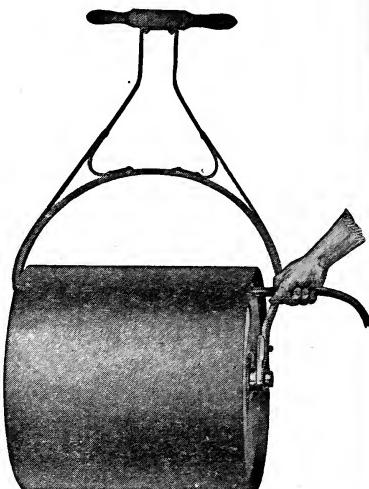
- No. **HW6**—24 inches long; 24 inches in diameter; weight, empty, 185 pounds; filled with water, 560 pounds. Price: \$16.00.
- No. **HW4**—18 inches long; 24 inches in diameter; weight, empty, 135 pounds; filled with water, 360 pounds. Price: \$14.50.
- No. **HW2**—20 inches long; 14 inches in diameter; weight, empty, 120 pounds; filled with water, 260 pounds. Price: \$12.50.

Without Handle Weights.

- No. **WB7**—24 inches long; 24 inches in diameter; weight, empty, 115 pounds; filled with water, 500 pounds. Price: \$14.50.
- No. **WB5**—24 inches long; 18 inches in diameter; weight, empty, 80 pounds; filled with water, 310 pounds. Price: \$13.50.
- No. **WB3**—20 inches long; 14 inches in diameter; weight, empty, 65 pounds; filled with water, 200 pounds. Price: \$11.00.

ONE HORSE LAWN AND GOLF ROLLER

- No. **42**—50 inches long; 24 inches in diameter; 5 sections; weight, 950 pounds. Price: \$64.00.



Calhoon Seeder.

CALHOON'S BROADCAST SOWER

FOR sowing Clover, Timothy, Millet, Oats, Wheat, Hemp, Barley, Rye, Rice, Buckwheat, etc. Standard Seeder of the World—A Model for Accuracy and Durability—Malleable Iron Frame—Steel Hopper and Gate—Brass Discharger.

The breadth of the cast will be according to the weight of the seed. Wheat and Rye, 30 to 36 feet. Oats, 21 to 25 feet. Barley, 27 to 33. Clover, Millet, Hungarian Seed, 20 to 24 feet. Hemp, 27 to 30 feet. Timothy, 15 to 18 feet. Price: \$3.50.

CYCLONE SEED SOWER

THE material used in the construction of the Cyclone is of the best throughout. The machine is practically and mechanically built. The hopper or sack has a capacity of $\frac{1}{2}$ bushel. It sows with ease to the operator all varieties of grain and grass seed perfectly even. Price: \$1.75.

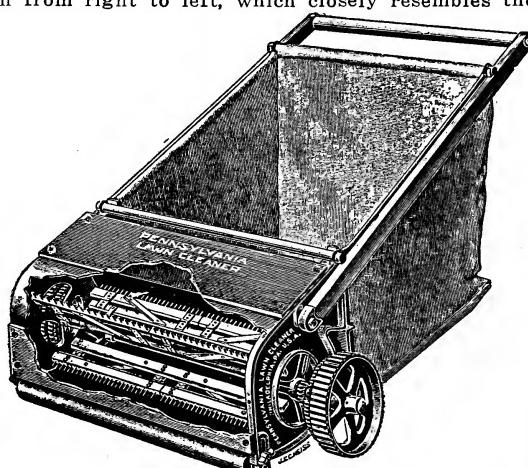
LIGHTNING TIN HORN SEED SOWER

HAS long tin sectional tube, having sack attached, also has adjustable feed for different grains and quantities. Suitable for small seeds only. Will spread seed evenly from 30 to 40 feet. Method of sowing is by swinging tube in horizontal position from right to left, which closely resembles the old method by hand. Price: \$1.00.

THE PENNSYLVANIA ROTARY LAWN RAKE

THIS is virtually a revolving lawn comb, having flexible steel wire teeth which go between the blades of grass and comb out all dead grass, crab grass, leaves, sticks and other rubbish. It leaves the grass standing upright. The action of the three revolving rakes raises up the creeping crab grass and other low

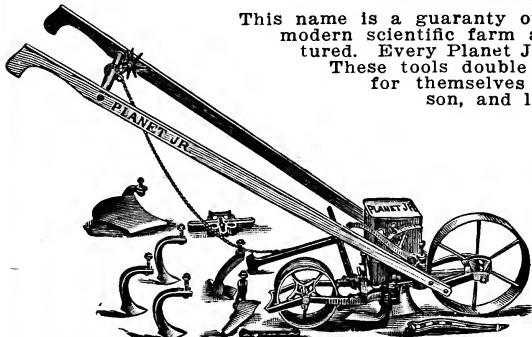
growing weeds so the lawn mower can cut them before going to seed, thus effectually ridding the lawn of annual weeds. It has a dumpable collecting box. This work is most effectually accomplished by the use of the Pennsylvania Gem Lawn Cleaner and Rake. One man can do more work than four with rakes. (See cut.) Price: 24-inch machine, \$20.00. (Weight packed for shipment, 90 Lbs.)



PLANET JR.

This name is a guaranty over all the world of the most modern scientific farm and garden tools manufactured. Every Planet Jr. cuts your work in half.

These tools double your crop yield, pay for themselves in a single season, and last a lifetime.



SOON pays for itself in the family garden as well as in the larger acreage. Sows all garden seeds (in drills or in hills), plows, opens furrows and covers them, hoes and cultivates quickly and easily.

No. 4 Planet Jr. Combined Hill and Drill Seed Wheel Hoe.

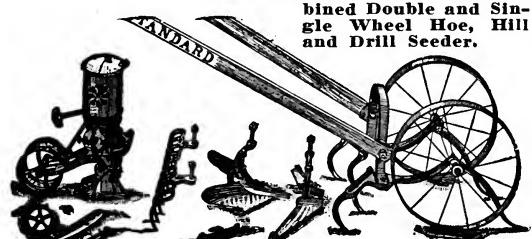
Price: Complete, \$16.50.

No. 4 D. Hill and Drill Seeder, same as above less the cultivating attachments, \$13.25.

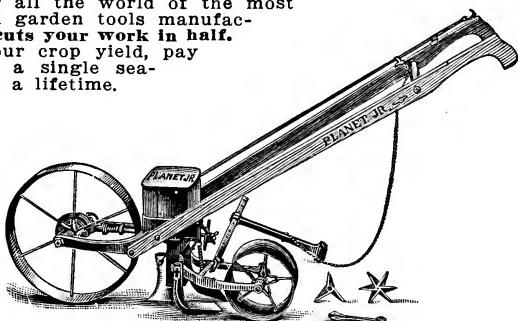


A SPLENDID combination for the family garden, onion grower, or large gardener. It is a perfect seeder, and combined double and single wheel hoe. No. 25, Price: Complete, \$20.00.

Standard No. 9 Combined Double and Single Wheel Hoe, Hill and Drill Seeder.



HERE is a complete machine. Simplest to change from one style to another. No other make like it. It has come to stay. We recommend the Standard as always giving good results. You have three separate machines in this one only. Price: \$16.00.



No. 3 Planet Jr. Hill and Drill Seeder.

A FAVORITE among onion-growers, market-gardeners. The hill dropping is simple and reliable, making hills either 4, 6, 8, 12 or 24 inches apart.

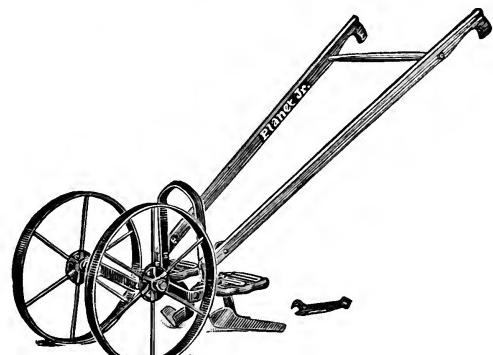
15-inch Steel Drive Wheel. Holds 3 Quarts of Seed. Weight, packed, 44 lbs. Price: \$16.00.

No. 11 Planet Jr. Double Wheel Hoe, Cultivator, Plow and Rake

A single and double wheel hoe in one. Straddles crops till 20 inches high, then works between. Has steel frames and 14-inch steel wheels. The greatest hand-cultivating tool in the world.

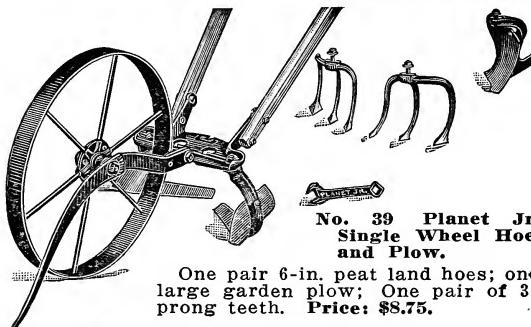


No. 11 Planet Jr. Cultivator—Price: \$14.00.



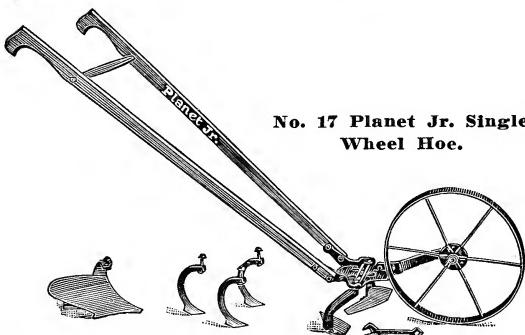
N. 13 Planet Jr. Double and Single Wheel Hoe Combined—One pair of 6-inch hoes, oil tempered, Steel frame, 14-inch steel wheels. Packed weight, 28 lbs. Price: \$7.50.

GARDEN IMPLEMENTS



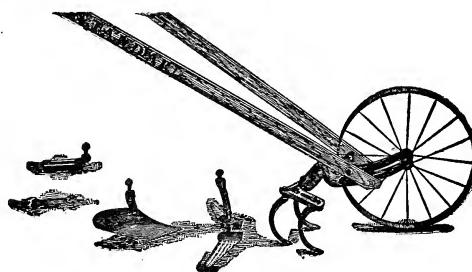
No. 39 Planet Jr.
Single Wheel Hoe,
and Plow.

One pair 6-in. peat land hoes; one
large garden plow; One pair of 3-
prong teeth. Price: \$8.75.



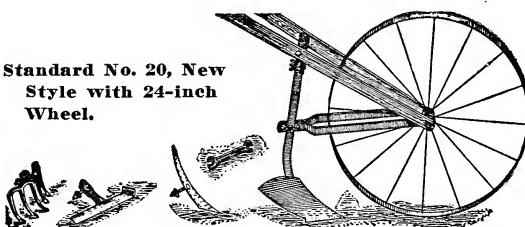
No. 17 Planet Jr. Single
Wheel Hoe.

These Single Wheel Hoes have steel frames and
15-inch steel wheels. Price: \$7.25.



Standard No. 22, Single Wheel Hoe.

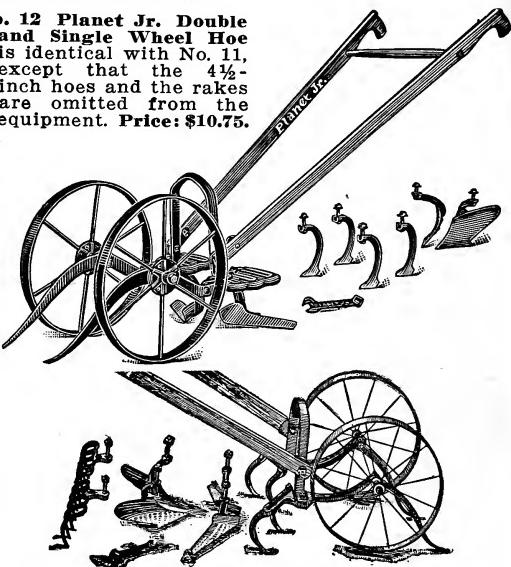
A SINGLE wheel hoe, but can be used astride the row as well as for between rows. Very light running on account of good-sized wheel. Fine for small home gardens. Price: \$6.75.



Standard No. 20, New
Style with 24-inch
Wheel.

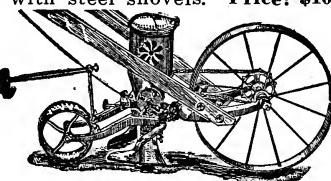
THIS machine is made to use where a cheaper one is desired, such as in home gardens and for the market gardener to use in cultivating crops of larger vegetables. It is stronger and durable, is adjustable in height by loosening a thumb nut. We recommend this for the price. Price: \$4.75.

No. 12 Planet Jr. Double
and Single Wheel Hoe
is identical with No. 11,
except that the 4½-
inch hoes and the rakes
are omitted from the
equipment. Price: \$10.75.



Standard No. 4 Single and Double Wheel Hoe Both
in One.

OF ALL labor-saving tools, this cannot be surpassed. Can be changed from one to the other in a few seconds, thereby saves buying two separate machines when you don't have work for both at same time. Frame all malleable iron attachments, with steel shovels. Price: \$10.50.



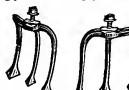
The Standard No. 25—Hill and Drill Seeder. THIS drill is perfect in construction, is light but strong and well balanced. Will sow any kind of garden seed, either in hills 4, 6, 8, 12, 24 inches apart in the row, or in continuous drill. Has revolving agitator, will not clog. It has 16-inch steel wheel with 1¼-inch tire; chain drive. Price: \$11.00.



Plow for Single Wheel
Hoe. Price: Ea., \$1.50.



C & D Hoes. Price: 7-in.
Blade, Pair, \$1.50.



Three-Prong Cultivator
Teeth. Price: Ea. 50c.



Cultivator Teeth. Price:
Each, 35c.



Rakes. Price: Each, 3
tooth, 50c; 5 tooth,
60c; 7 tooth, 75c.



Disc Hoes. Price, pair,
\$3.00.

GARDEN IMPLEMENTS



Reversible Steel
Lawn Rake.

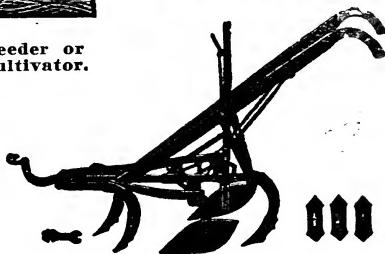


Acme Weeder or
Hand Cultivator.



OUR "ALL-ROUND" 14-TOOTH HARROW

An indispensable tool for garden work, teeth are reversible, also can be set at different angles.
Price: \$6.75; Wheel for same, \$1.10 Extra.



OUR "ALL-ROUND" HORSE HOE AND CULTIVATOR

A good machine for every gardener at a low cost, all steel but the handles, with extra shovels as shown. Price: \$8.50; Wheel, \$1.00 Extra.



Potato Hook.



Garden Rake.



Garden Hoe.



Weeding Hoe.



Spading Fork.



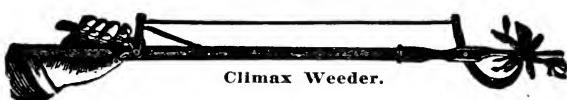
Spade.



Rake.



Turf Edger.



Climax Weeder.

CLIMAX WEED PULLER—A neat little tool, very much used by landscape gardeners and lawn-makers everywhere. For cutting-out weeds, dandelions, etc. Price: Each, only 90c.

GARDEN SET—Three Pieces; Shovel 6x4 $\frac{1}{2}$ inch Blade, 42-inch Handle; Hoe 4x3 $\frac{1}{2}$ -inch Blade, 48-inch Handle; Rake 5 $\frac{1}{4}$ -inch Head with Six 2 $\frac{1}{2}$ -inch Bent Teeth. Price: \$1.50 per Set.

GARDEN HOE—Highest grade crucible forged steel, oil tempered polished blade. Price: 90c.

POTATO HOOK—Highest grade crucible forged steel tumbled finish prongs, oil tempered and carefully tested; bent head. Price: \$1.00.

SPADING FORK—Four flat diamond back tumbled finished tines, 6 $\frac{1}{4}$ inches long; spread (extreme width) 6 inches; malleable D handle, with wood grip. Price: \$1.00.

GARDEN RAKES—All steel, with short teeth, for walks and driveways. Price: 16 teeth, \$1.15.

WEEDING HOE—Highest grade crucible forged steel, oil tempered, polished blades and prongs. Price: 50c.

ACME WEEDER OR HAND CULTIVATOR—Combination hoe and cultivator combined. Made of solid steel. (See cut.) Price: \$1.00.

LAWN RAKE, OLE OLSON—The teeth in this rake are mortised through the head and clinched in a way that holds them absolutely tight and rigid. 26 Teeth, Price, 85c.

LAWN RAKE, REVERSIBLE STUB—Heavily tinned steel teeth. The arched teeth for leaves and litter, and the opposite side for fine cut grass. Twenty-four teeth closely set in a 21-inch head. Price: Each, 75c.

MEHLER'S HANDY WEEDER (New Way)—Just the thing for working among flowers and young vegetable plants. Each, \$1.25.

MEHLER'S HANDY HOE—Combined garden tool. Price: \$1.25.

MEHLER'S HANDY GRASS EDGER—Price: \$1.50.

SPADE—Are made from best Tempered Steel, fitted with select ash handles. Price: Each, \$1.25.

TURF EDGER—9-inch crucible steel polished blade, tempered and sharpened; gold bronzed solid steel socket; blade and socket in one piece; 4 foot selected ash handle. Price: \$1.00.

GARDEN IMPLEMENTS—Continued.

A SPARAGUS KNIFE—Highest Grade Crucible Steel, Highly polished Blade, $7\frac{3}{4}$ in. Long; $1\frac{1}{4}$ in. Blade, Fastened by Two Rivets in Highly Polished Hardwood Handle. Price: Each, 50c.

E. Z. HAND WEEDEER—(See cut.) Price: Each, Style A, 15c; Style D, 35c; Style G, 48 in. handle 75c.

EXCELSIOR HAND WEEDEER—For weeding seed beds, stirring soil in hot beds, etc. Price: Each, 10c.

FRUIT PICKERS—Attach to pole of any desired length. Saves all climbing, especially on young trees. Price: Each, 50c.

GARDEN DIBBLE—All iron; is used for transplanting small plants. Has polished steel point. Price: Each, 35c; D Handle, 50c.

GARDEN TROWEL—4-inch, riveted handle. Price: Each, 15c.

GARDEN TROWEL—FORGED STEEL—8-inch handle, best steel. Price: Each, 30c.

GARDEN TROWEL—FORGED STEEL—Made of one piece of steel, they are strong and stout. For market gardeners' use they are the very best trowels. Price: 5-inch, 40c; 7-inch, 60c.

TRANSPLANTING TROWELS—Made of the same material as the above. Price: 5-inch, 15c; 7-inch, 20c.

HAND SPADEING FORK—These forks are well made, the tines are polished about half-way and adjoining part enameled blue. Price: 11-inch, 35c.

HAZELTINE'S HAND WEEDEER—One of the most useful garden tools made. Every owner of a garden should have one. Price: Each, 25c.

LANG'S HAND WEEDEER—In our opinion this is the best of all weeders. Price: Each, 25c.

HEDGE SHEARS—8-inch, with notch. The "notch" is at the heel of the blades, for cutting small branches. Price: \$1.75; 6-inch, \$1.25.

PRUNING SHEARS—Very strong steel blades and good spring. Price: Each, No. 100, 90c.

RHODES DOUBLE CUT PRUNING SHEARS—30-inch handle. Price: Each, \$2.50; Pruning Shears, \$2.00.

LOPPING SHEARS—Handles 20 inches long. For cutting heavy branches. Price: \$1.25.

SHOVEL—A handy tool for the garden. Price: \$1.25.

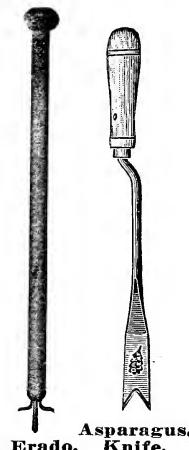
STEEL GRASS—For trimming edges on walks. No. B. Price: Each, 50c.

STEEL GRASS SHEARS—For trimming edges on walks or borders. The best made. Price: Each, 75c.

STRING TIED GRAPE BAGS—For protecting grapes and small fruit. Price: 3-Lb. Bag, per 100, 90c; 4-Lb. per 100, \$1.00.

WATER'S TREE PRUNERS—The best Pruner on the market. Price: 8 ft., \$1.25; 10 ft., \$1.50.

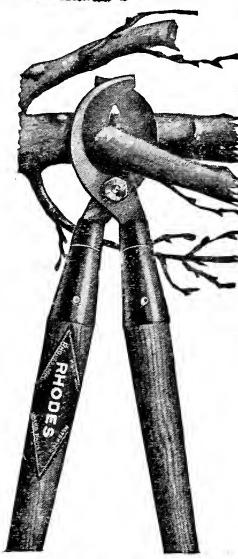
WEEDEER—Erado—Has two knives which enables the operator to cut off the tops of weeds with one-half the work. Price: \$1.00.



Asparagus.
Erado. Knife.



WATERS
IMPROVED
TREE PRUNER.



Hedge Shears.



Shovel.



Hand
Spading
Fork.



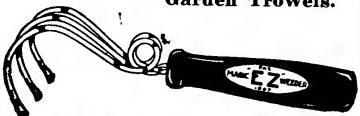
Lopping Shears.



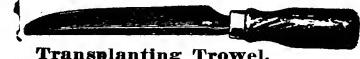
Garden Dibble.



Garden Trowels.



Hazeltine's Hand Weeder.



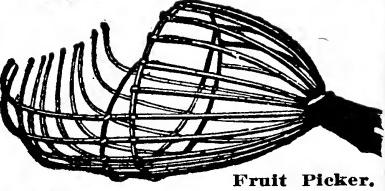
Transplanting Trowel.



Garden Trowel, Forged Steel.



Pruning Shears.



Fruit Picker.



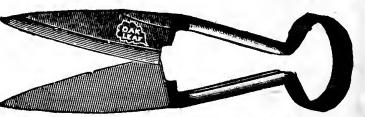
Garden Trowel.
Long Handle, 8-Inch.



Excelsior
Hand Weeder.



Lang's Weeder.



Steel Grass Shears.

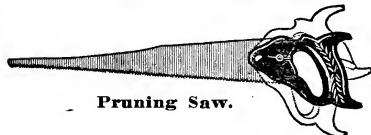
GARDEN IMPLEMENTS—Continued



Clay Hanging Basket.



Orchard Pruning Saw.



Pruning Saw.



No. 2 BT.



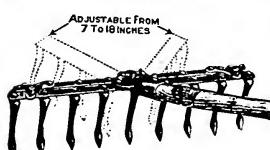
No. 1 B6.



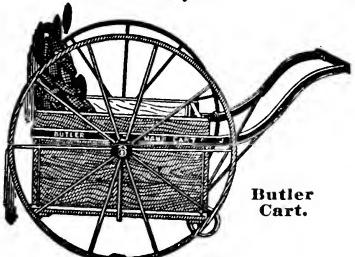
No. 15 E.



No. 1 B7.



Pull Easy.



Butler Cart.



Wheelbarrow.

[108]

CORN PLANTER—The Eclipse Rotary has positive feed. Four changes of disc, (one disc for seed or broom corn). No planter is complete without wheel to drop one grain to replant drilled corn. Price: Each, \$2.10.

CORN KNIFE CLIPPER—Gold bronzed cast steel blade with polished cutting edge; 17½ inches long; 1¾ inches wide; 5½-inch Waxed, natural finish swelled handle; steel ferrule; tang extends through handle and riveted at end. Price: 60c.

CORN KNIFE, DISSTON—Tempered, ground and polished cast steel blade; 15 gauge; 15 inches long, 3 inches wide at point; 8-inch riveted plain beech handle. Price: 60c.

HANGING BASKET WIRE—Price: Each, 12 in., 30c; 14 in., 40c; 16 in., 60c.

HANGING BASKET, CLAY—Made of Red Clay. (See cut.) Price: 10 in., 50c; 12 in., 60c.

HOT BED THERMOMETER—Price: \$1.75.

ORCHARD PRUNING SAW—Hook and Saw without pole; 10-inch slender tooth, crescent shaped, crucible steel saw; Japanned malleable iron hook and socket; 4¾ inches long; socket 1½ inches inside diameter; steel knife with shank 5 inches long. Price: \$2.50.

PERFECTION SEEDER—Fine for home garden; will seed all variety small seeds. Price: \$3.75.

PRUNING SAW—Highest grade crucible steel, polished and etched blade, with adjustable cherrywood handle. 14-inch Blade. Price: \$1.00.

Price \$1.00

PRUNING KNIFE NO. 2 BT—The best budding Knife.....\$1.00

PRUNING KNIFE NO. 1 B6—A good Knife for Pruning..... .80

PRUNING KNIFE NO. 15 E—Used for budding. Ivory Tipped.. 1.00

PRUNING KNIFE NO. 1 B7—A good Knife for Heavy Pruning ..90

SPHAGNUM MOSS—Extensively used for filling Fern and Orchid baskets, mixing with potting soil covering tops of pots to preserve moisture, etc. Price: Lb., 10c; Bale, about 30 Lbs., \$2.50.

SHEET MOSS—Used for lining hanging baskets; bunch enough for small basket, 15c.

THE PULL EASY is the best cultivator for the army of early risers, who faithfully tend a little patch of green things in the back yard. Every part is of the best material; the teeth are drop-forged steel, set in an indestructible plate. The handle is perfectly smooth, of straight-grained, tough white-ash. Price: Each, \$1.50.

WHEELBARROW—Painted, seasoned hardwood frame and body; strongly braced front and legs; black painted steel wheel.

FAIRBANKS NO. 82, length, 25 inches; width at wheel, 18 inches; width at handle, 20 inches. Price: \$3.50.

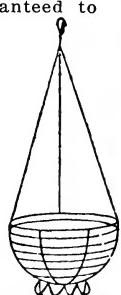
FAIRBANKS NO. 83, length, 25 inches; width at wheel, 20 inches; width at handle, 22 inches. Price: \$6.25.

BUTLER STEEL HAND CART

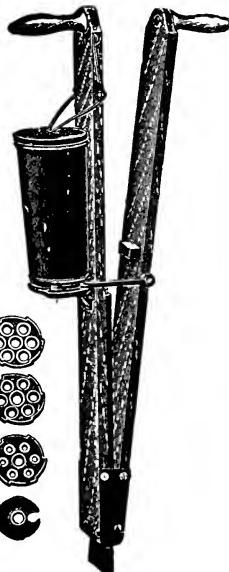
FOR Farm, Orchard, Dairy, Stockbarn and Country Estates. Useful for hauling grain, fruit, garden truck, leaves, grass, etc., etc. Easy to handle. Will carry barrel spraying outfit. Will hold four milk cans. Guaranteed to carry 500 lbs.

PRICES.

No. 4 Cart—2-inch concave tire wheels	.....\$17.00
No. 5 Cart—3-inch oval tire wheels	..... 26.00
Without Box, No. 4.....	12.00
Without Box, No. 5	14.00



Wire Hang-ing Basket.



Corn Planter.

IDEAL SELF-WATERING FLOWER BOXES

THE Ideal Vacuum Flower Box has a double inner wall. The air space between the outer and inner walls keeps the inner wall cool, consequently the dirt will not dry out and the roots become baked.

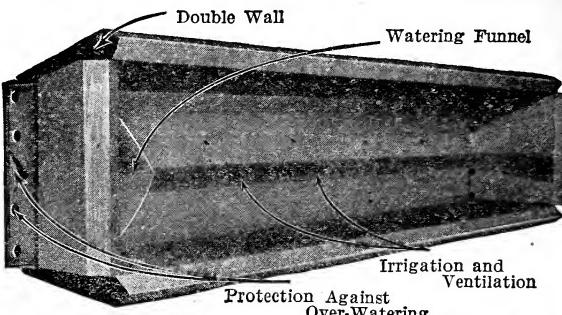
Ideal Boxes 8½-in. wide, 6½-in. deep, length, 24 inches, \$1.70; 30 inches, \$2.15; 36 inches, \$2.55; 42 inches, \$3.00; 48 inches, \$3.40; 60 inches, \$4.25.

TRELLISES

PORCH TRELLIS—Made of wire and painted. Price: 30 inches wide, 12 feet high, \$4.50; 14 ft., \$6.00.

BALLOON TRELLIS—A heavy wire frame. Fan shape. Price: 4 ft. high, \$2.25; 5 ft., \$3.00; 6 ft., \$3.50.

FAN TRELLIS—A heavy wire frame. Price: 4 ft. high, \$2.25; 5 ft., \$3.00; 6 ft., \$3.50.



FLOWER POTS

We are headquarters for Flower Pots of every description. Send us your orders.

	Doz.	100		Each	Doz.
2½-inch.....	\$0.15	\$1.00	7-inch.....	\$0.10	\$1.10
3 -inch.....	.30	2.25	8-inch.....	.14	1.60
4 -inch.....	.40	3.00	10-inch.....	.35	3.60
5 -inch.....	.60	4.25	12-inch.....	.50	5.50
6 -inch.....	.85	6.00	14-inch.....	.70	8.00

BULB PANS.

	Each	Doz.		Each	Doz.
6-in.....	\$0.07	\$0.80	6-in.....	\$0.08	\$0.80
8-in.....	.14	1.60	8-in.....	.14	1.60

FERN PANS.

	Each	Doz.		Each	Doz.
4-in.	\$0.03	\$0.25	8-in.	\$0.10	\$1.10
5-in. ....	.04	.40	10-in. ....	.12	1.40
6-in. ....	.05	.55	12-in. ....	.20	2.00
7-in. ....	.06	.70			

PAPER FLOWER POTS.

Are made of tough water-proof fibre paper unbreakable, and of the best made for starting plants in hotbeds or greenhouses and for shipping and marketing.

	Per	Per		Per	Per
	100	1000		100	1000
2½-in.....	\$0.60	\$4.50	4-in.....	\$1.00	\$8.50
3 -in.....	.75	6.00	5-in.....	2.00	15.00
3½-in.....	.95	9.00			

"FIBROTTA" PLANT TUB SAUCERS

These are strong and non-porous, do not leak like old style.

	Each	Doz.		Each	Doz.
6-in. diam.....	\$0.10	\$1.00	12-in. diam....	\$0.22	\$2.60
8-in. diam.....	.12	1.40	14-in. diam....	.27	...
9-in. diam.....	.14	1.60	16-in. diam....	.45	...
10-in. diam.....	.17	2.00	18-in. diam....	.65	...

CEDAR TREE TUBS

Made of the very choicest seasoned cedar, highly finished with black hoops; will last twice as long as cypress tubs.

	Diam.	Height		Price
No. 1.	12 in.	10½ in.		\$1.50
No. 2.	13 in.	13 in.		1.75
No. 3.	14½ in.	15 in.		2.25
No. 3½.	16½ in.	15¾ in.		2.90
No. 4.	19½ in.	17 in.		3.50
No. 5.	22½ in.	18½ in.		4.00

RICHMOND STYLE TREE TUBS

These Tree Tubs are made of the same selected Virginia White Cedar, bound with flat steel hoops.

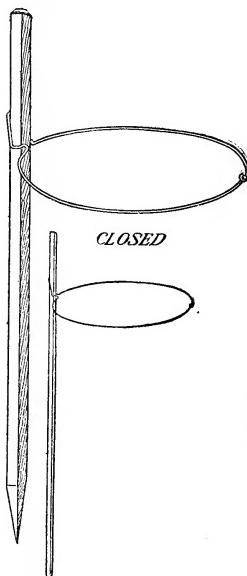
No.	Inside Top Diam.	Inside Bot. Diam.	Inside Depth	Price Each
3B	8-inch	6 -inch	8-inch	\$0.50
4B	9-inch	7 -inch	9-inch	.60
5B	10-inch	7½ -inch	9-inch	.70
6B	11-inch	8½ -inch	10-inch	.85
7B	12-inch	9 -inch	11-inch	1.00

"ADJUSTO" PLANT SUPPORT

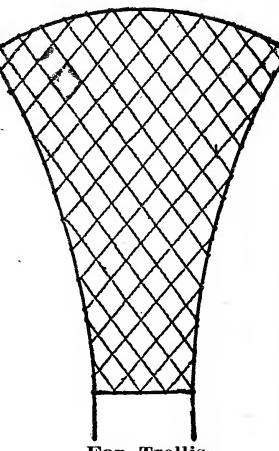
It is adjusted in a "jiffy" to any height, to conform to the plant's growth. It is indispensable for Tomatoes, Roses, Gladiolus and Dahlias.

1½ ft. Adjusto Supports.....	Each	Doz.
2 " "	.07	\$0.80
3 " "	.08	.90
4 " "	.12	1.40
5 " "	.15	1.75
	.18	2.00

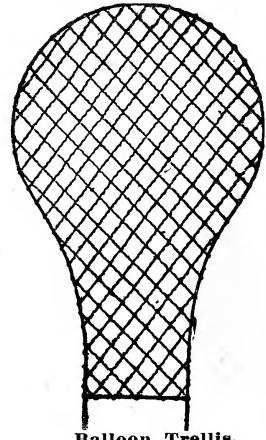
Porch Trellis.



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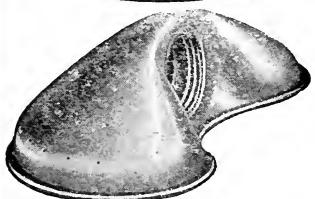


Fan Trellis.



Balloon Trellis.

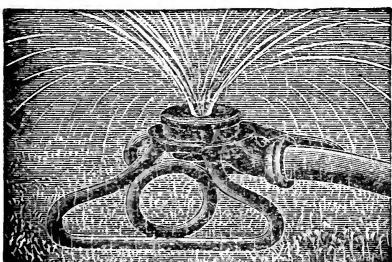
MISCELLANEOUS—Continued



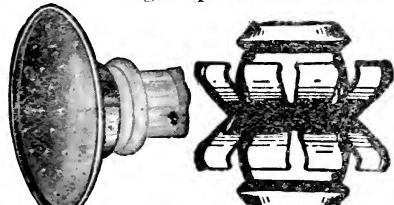
Half-Circle Fountain.



Fountain Sprinkler.



Elgin Sprinkler.



Fountain Shower.



PATENTED 1910
Perfect Hose Couplings.

RUBBER HOSE—Electric—This is the highest grade of garden hose. Price: $\frac{3}{4}$ -inch, 50 ft., \$12.00; 100 ft., \$23.50; 1-inch, 50 ft., \$15.50; 100 ft., \$30.00.

REVERO—Best hose on the market finest quality of rubber being used in its manufacture; will last for years. Price: $\frac{3}{4}$ -inch, per 50 ft., \$9.00; 100 ft., \$18.00.

STERLING—A fine grade of hose. Comes in 50 ft. lengths only. Price: $\frac{3}{4}$ -inch, per 50 ft., \$6.00.

DALTA HOSE— $\frac{1}{2}$ -inch 4-ply Best Quality Rubber. Price: Per ft., 13c.

CRESCENT FOUNTAIN SPRINKLER—The "Crescent" is a combination of all the good features of the various Ring sprinklers. Price: Each, 75c.

ELGIN SPRINKLER—Will sprinkle four times greater area than any other sprinkler made. Price: 50c.

FOUNTAIN SPRINKLER—(See cut). One of the best; all brass; never rusts. Price: Each, 75c.

FOUNTAIN "SHOWER" (Used as a Hose Nozzle)—Made of polished brass, $\frac{2}{3}$ inches in diameter. Has the "mist-like" spray. Price: Each, 25c.

GEYSER SPRINKLER—Used as a Nozzle. Price: Each, 25c.

"HALF-CIRCLE" FOUNTAIN — Absolutely unique. Price: Each, 50c.

RUBBER PLANT SPRINKLERS—Straight and bent neck. Size, 6 Oz., Price: 75c.

SCOLLY PLANT SPRINKLER—Best made. Price: \$1.15.

PUTTY BULB—The best appliance for distributing putty. Used by a large number of leading florists. Price: Each, \$1.10.

LITTLE WONDER LAWN SPRINKLER AND GARDEN NOZZLE—This lawn sprinkler is first screwed on the end of the garden hose, then the point is forced into the ground. The nozzle will be stationary. Then turn on the water and it will throw an elegant spray, covering a space of from 20 to 25 feet in diameter. Price: 25c.

HOSE REEL—For lawn or garden. Price: \$3.00. (See cut.)

"PERFECT CLINCHING" HOSE MENDER—Price: $\frac{1}{2}$ -, $\frac{3}{4}$ - and 1-inch, Each, 10c; Doz., \$1.10.

ORIGINAL "PERFECT CLINCHING" HOSE COUPLING—A self-fastening coupling that does not require extra bands, bolts or wires. Price: $\frac{1}{2}$ - and $\frac{3}{4}$ -inch, Each, 25c.

RUBBER HOSE WASHER— $\frac{3}{4}$ -inch. Price: Doz., 5c.

"SNAP" HOSE COUPLING—Simply screw them to the old threaded parts already in use and you have an instantaneous joint. $\frac{3}{4}$ -inch, Price: 25c.

MOLE TRAPS—Olmsted—The best trap made. Sure to catch them. Made of best material. Price: \$1.50.

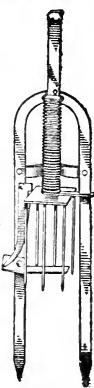
RIDDLE—A very good trap for the money. Price: 85c.



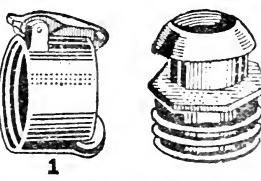
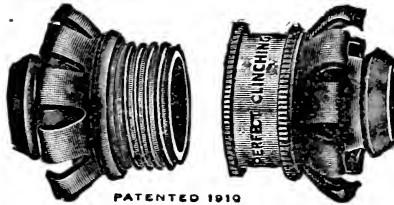
No. 10.
Hose Reel.



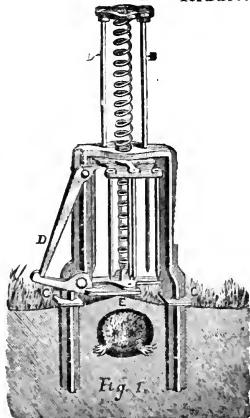
Plant Sprinklers



Little Wonder Sprinkler.



1
Snap Hose Coupling.



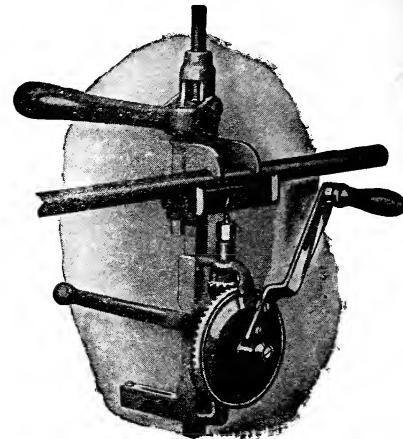
Olmsted.

PLANT STAKES AND POT LABELS

Natural Cane Stakes.		POT LABELS (Painted)		
6 ft., doz...	\$0.15;	100...	\$1.00	Per 25 Per 100 Per 1000
8 ft., doz...	.25;	100...	1.75	4-inch .....\$0.05 \$0.20 \$1.20
10 ft., doz...	.45;	100...	4.00	5-inch ..... .05 .20 1.50
PLANT STAKES—Bambo.			6-inch ..... .08 .30 1.75	
Painted Green.			8-inch ..... .10 .35 2.50	
1 ft., doz...	\$0.05;	100...	\$0.40	12-inch ..... .35 1.00
WIRED TREE LABELS—				
1½ ft., doz...	.08;	100...	.50	(Painted) 3½ x ¾ in., per 1000, \$2.00; 5x1 ¼ in., \$1.50 per pkg. of 200.
2 ft., doz...	.10;	100...	.75	
3 ft., doz...	.12;	100...	.90	
4 ft., doz...	.14;	100...	1.00	
Simplex Weatherproof Plant Labels.				
Dahlia Poles Painted Green.		Sizes	Per Doz.	Per 100
5 ft., doz...	\$1.40;	100...	\$11.00	No. 1. 3x1 ½ inches 25 cents \$2.00
6 ft., doz...	1.50;	100...	12.00	No. 2. 4x¾ inches 50 cents 4.00
				No. 3. 5x1 inches 75 cents 6.00

STANDARD SOIL TESTER

THE Standard Soil Tester has been in use for years. Thousands of practical farmers, hundreds of Agricultural Schools, Colleges, Farmers' Associations, Farmers' Clubs, and others, all over the country, are using this practical, accurate Standard Tester. Price: \$25.00.

**THE SKINNER SYSTEM OF IRRIGATION**

THE Skinner System was first given to the public in 1904, and since that time has come into more general use than all other methods of overhead irrigation.

INSTALLATION OF THE SKINNER SYSTEM

INSTALL your nozzle line about 40 feet apart and drill holes for out-door nozzles 30 inches apart on the Nozzle line.

Each stream will reach from 25 to 30 feet on either side of the line. To cover the whole area within reach the pipe must be turned occasionally thereby changing the direction of the streams. This is done by means of a handle shown, which forms a part of the Skinner Union Tee strainer fitting.

We do not furnish the pipe, get same at your nearest dealer. Always use ¼" or 1" galvanized pipe with the Skinner System.

NO. 2 OUTDOOR NOZZLES—Price: Each, 5¢; \$5.00 per 100.

SILVER STREAM NOZZLES—Price: Each, 5¢; \$5.00 per 100.

GREENHOUSE NOZZLES—Price: Each, 7½¢; \$7.50 per 100.

SKINNER SYSTEM DRILLING MACHINE—This machine is absolutely necessary to properly install the Skinner System of irrigation. With it is shipped one level, 3 tap drills and one nozzle wrench. Price: Type A, \$8.70; Type B, \$11.70.

SKINNER SYSTEM UNIONS—These unions should be placed at the head of each nozzle line. They permit of the easy rotation of the nozzle line, without leakage, and they are equipped with a filter. Price: 1 in. Each, \$1.80; 1 ¼ in., \$2.40. Price: Each

Nozzle wrench for No. 2 outdoor.....\$0.15

Nozzle wrench for Silver Stream.....15

Tap Drills for No. 2 Nozzles.....25

Tap Drills for Silver Stream.....30

NO. 2 SUPPORT—Suitable for inserting in top of upright pipe ¼ or 1 in. diameter. Will carry pipe of from ¾ to 2 in. diameter. Price: Each, 20¢; \$20.00 per 100.

NO. 4 SUPPORT—Suitable for clamping around upright pipe of from ¾ to 2 in. diameter. Price: ¾ to 1 in., Each, 30¢.

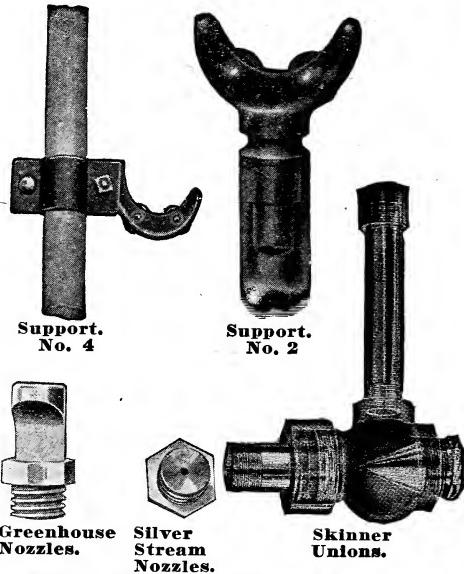
SKINNER SINGLE LINE TURNER—Price: \$17.50.

LAWN MIST SECTIONAL SPRINKLER

THE fine mist-like spray of the "Lawn Mist" Sprinkler nozzle is produced by the greenhouse and lawn sprinkler patented by this company. It is the finest spray used in any form of watering. Price: 15 ft. Single Section, \$8.85.

THE PEACOCK STANDARD—A fine sprinkler for Lawns and Golf courses. Price: 12½ ft. Peacock, \$13.75

Price: 7½ ft. Peacock Jr., \$7.25.



Skinner System for the Truck Grower.

SPRAYERS THAT SPRAY

"AUTO" COMPRESSED AIR SPRAYER

THE Auto-Spray No. 1 is one of the best on the market. It is very strong and practical. When properly charged contains three gallons of solution and one gallon of compressed air.

AUTO-SPRAY NO. 1D—Galvanized Reservoir Auto-Pop. Price: \$6.25.

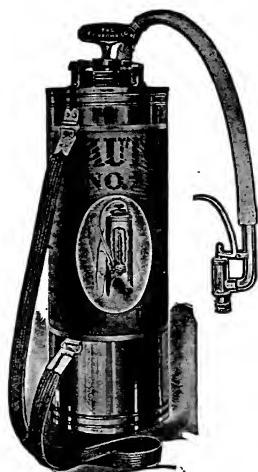
AUTO-SPRAY NO. 1B—Brass Reservoir, Auto-Pop. Price: \$8.25.

EXTRAS FOR AUTOS.

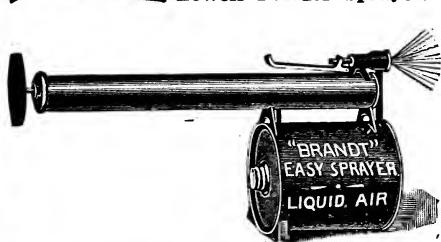
Auto-Pop Nozzles	\$1.25
Auto-Pop Nozzles, with hose	1.75
Extension Pipe, brass, 2-foot length .....	.60
Brass Elbow Extension .....	.35

"PERFECTION" SPRAYER

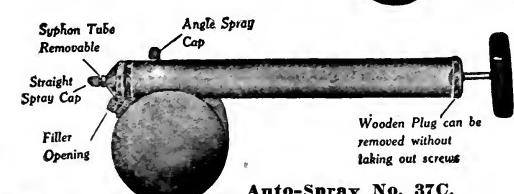
THE best compressed air sprayer made; strongest, most simple and throws either a fine mist or coarse spray. Galvanized with automatic shut-off nozzle. Price: Each, \$6.00. All brass as above, Each, \$7.75.



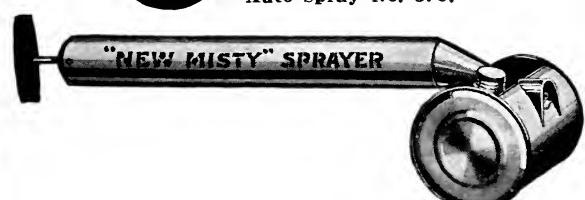
Lowell Powder Sprayer.



Daisy.



Auto-Spray No. 37C.



OUR "EASY" SPRAYER—The "Easy" Sprayer is made with either brass or galvanized tank, and is designed for those who want a smaller Sprayer. It works on the same principle as our larger Sprayers. Is equipped with automatic shut-off nozzle. Capacity, 1 gallon. Weight, 3 lbs. An ideal size for small gardens, greenhouses, etc. Price: Each, \$2.25. (See cut.)

DAISY DOUBLE-ACTING SPRAYS—Both ways of stroke; nothing better. This is one of the most convenient outfits for general use. As an all-round utility Sprayer it cannot be beaten. It is particularly adapted for both the garden and greenhouse, as well as for spraying live stock. Price: Heavy Tin, 75c.

NEW MISTY—We consider the best, and fully equal to the more expensive machines for this purpose. No. 3—All tin. 1-Qt. size. Price: 50c each. Brass, \$1.25.

LITTLE MIDGET—Used more particularly in houses for applying germicides and disinfectants, as its size makes it handy. Price: 35c.

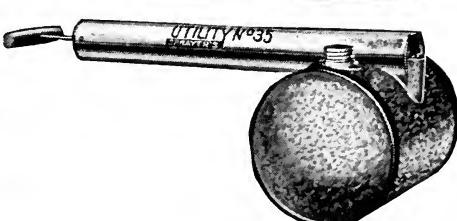
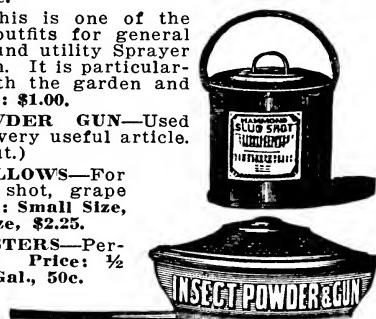
LOWELL BLOW POWDER SPRAYER—In some sections potato growers, stock and poultry raisers prefer to use Paris Green and disinfectants in powder form mixed with dry plaster. To meet such a demand the "Blow" Sprayer is recommended. Price: 75c.

UTILITY NO. 35—This is one of the most convenient outfits for general use. As an all-round utility Sprayer it cannot be beaten. It is particularly adapted for both the garden and greenhouse. Price: \$1.00.

INSECT DRY POWDER GUN—Used mostly indoors; a very useful article. Price: 25c. (See cut.)

SLUG SHOT BELLOWS—For applying slug shot, grape dust, etc. Price: Small Size, \$1.50; Large Size, \$2.25.

SLUG SHOT DUSTERS—Perforated bottom. Price: $\frac{1}{2}$ Gal. Size, 35c; Gal., 50c.



SPRAYERS THAT SPRAY

DEMING GARDENER'S CHOICE SPRAYER

THIS is one of the most convenient spraying out-fits for general use. As an all-round utility sprayer it cannot be beaten. It is particularly adapted for both the garden and greenhouse, also for orchard use, as well as for spraying livestock in the barn and livery stable. It is a splendid whitewashing outfit, as the pump is strong and durable and has a good agitator. The tank holds 25 gallons, fitted with a powerful pump; complete, with hose and nozzle. (See cut.) **Price: \$23.50.**

DEMING PRIZE BUCKET SPRAY PUMP—For spraying and whitewashing. Has an adjustable foot-rest to fit any bucket or tub. **Price: with 3-foot hose, \$4.50.**

LITTLE GIANT BUCKET SPRAY PUMP—For spraying and whitewashing. Has an adjustable foot-rest to fit any bucket or tub. **Price: with 3-foot hose, \$4.50.**

LEVER BUCKET PUMP NO. 324—This is the best combination made for small fruit growers. Has brass cylinders, patent agitators, coarse and fine stream nozzles. Being a combination pump, it can be used on a barrel or in a bucket. A No. 1 machine for whitewashing as well as spraying. **Price: \$5.50.**

DEFIANCE DOUBLE-ACTING BUCKET PUMP—Is made entirely of brass except the handle and foot-rest; has patent agitator, detachable hose, hemp packed plunger, brass ball valves, 2 nozzles, spray and solid stream; can be used for spraying or whitewashing. **Price: Each, \$5.50.**

BRANDT'S BARREL SPRAY—Made for orchards where the trees are large and a great quantity of liquid is to be handled. They are extremely large chambers which insure a uniform pressure at the nozzle, large cylinders which give great capacity, and removable ball valves which enables the user to keep pump in good working condition without taking it apart. Has $\frac{1}{4}$ -in. cylinder; 2-in. air chamber and fastens to chime of barrel. **Price: No. 4, \$10.50.**

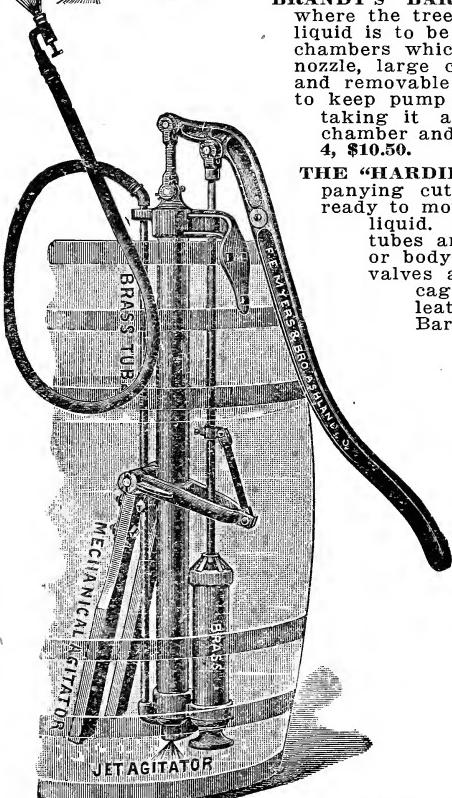
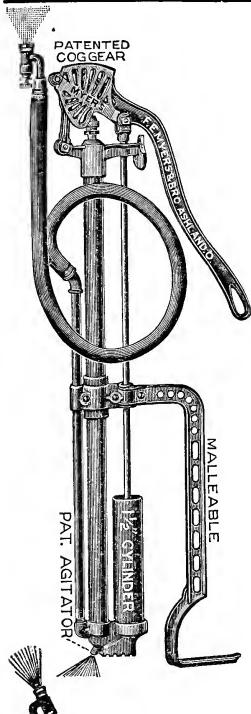
THE "HARDIE" BARREL PUMP NO. 6—The accompanying cut shows one of the "Hardie" Pumps ready to mount on a barrel or other receptacle for liquid. The plunger, suction and discharge tubes are of heavy seamless brass. The base or body of the pump is a brass casting. The valves are brass balls contained in a brass cage. The "Hardie" has no stuffing boxes, leather or rubber washers to give trouble. **Barrel; 5-ply guaranteed hose, Vermorel or Bordeaux nozzle, also coupling for two leads of discharge hose. Price: Complete, \$18.00.**

MYERS BRASS BARREL SPRAYER NO. 305 $\frac{1}{2}$ —So constructed that the cylinders are entirely submerged in the liquid. It fastens to the chime of any good barrel. Is fitted with one discharge hose, 5-ply, 15 feet long, graduated Vermorel nozzle and agitator, which keeps the liquid well mixed. **Price: \$13.00.**

NO. 305 same as 305 $\frac{1}{2}$ without mechanical agitator. **Price: \$12.00.**

MYERS PORTABLE SPRAYER—Made of Extra Heavy Galvanized Iron; Capacity 12 $\frac{1}{2}$ Gallons—The pump is fitted complete with 15 feet of hose and an 8 foot pipe extension in two 4-foot parts, which adapts it for spraying Greenhouses, large trees and also for use in whitewashing and on the inside of low buildings.

The wheels and handles are made of wrought steel thoroughly braced. The wheels are 16 inches in diameter. Handles are short to permit turning in narrow alleys. **Price: Complete, \$26.50.**



Myer's Brass Barrel Sprayer No. 305 $\frac{1}{2}$.



Gardener's Choice Spray Outfit.



The "Hardie" Barrel Pump.



Little Giant.

Deming Prize.

EXTRA PARTS FOR MYER SPRAYER

SPRAY NOZZLES

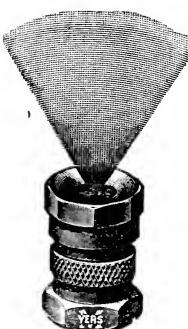
Fig. 1563
Vermorel Nozzle.Fig. 549
Male End.Fig. 1091
Female End.

Fig. 642. Imperial.

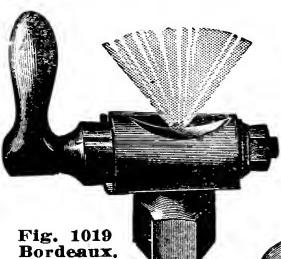
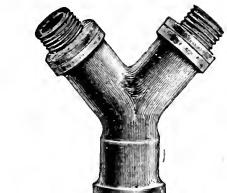
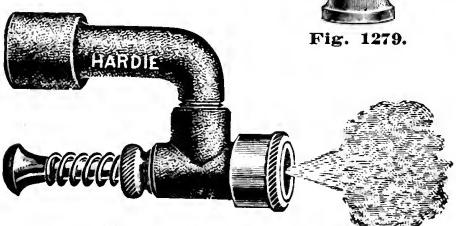
Fig. 1019
Bordeaux.

Fig. 1279.



Vermorel.



Fig. 1281.

ALL fruit growers rightly contend that the nozzle is the most important part of the spraying outfit. It must be arranged to throw a mist and not drops. It is also a fact that more harm is done by using Sprinkling Nozzles than if no spraying were done at all. By putting on too much material you damage the foliage. The best results are obtained by covering the entire surface and with just as little in one place as possible.

Price

Fig. 1019	Bordeaux Nozzle.....	\$0.75
Fig. 1563	Vermorel Nozzle.....	.75
Fig. 642	Imperial Nozzle.....	.35
Fig. 548	Spray Nozzle.....	.35
Fig. 550	Cyclone Nozzle.....	.35
Fig. 549	Male End.....	.20
Fig. 1091	Female End.....	.20
Fig. 1279	Y.....	.50
Fig. 1380	Bend.....	.25
Fig. 1281	Stop Cock.....	.75
	Hardie Vermorel Nozzle .....	.75

Plunger washers for Myers Little Giant and Lever Bucket Pump—Price: Each, 10c.

BAMBOO EXTENSION RODS—8 feet long. Price: Each, \$2.00; with stop-cock, \$2.75. EXTENSION PIPES—Iron, 4 feet. Price: 25c each.

KIRKE SYSTEM FEEDER

IT IS a neat device easily attached to any garden hose. It will last a life time, and can be used both for Kirke Fertilizer and Insecticide cartridges.

The cartridges of Concentrated Fertilizer for the lawn and garden, and the Nicotine cartridges for the destruction of soft bodied insects, dissolve in as much water as will pass through the ordinary garden hose in about five hours. They are clean, odorless and non-poisonous, and will give perceptible results after one week's use on the lawn or in the garden.

The nicotine cartridge is made from a free nicotine, which, when applied to both indoor and outdoor vegetation, acts as a preventive against aphis, thrip, green fly, rose bug, mealy bug, etc.

KIRKE AUTOMATIC FEEDER—For Fertilizer and Insecticide Cartridges, nickel plated, complete. Price: Each, \$3.50.

KIRKE HOT HOUSE SPECIAL "TOBACCO" Insecticide Cartridges—Price: 50c; Doz., \$4.75.

KIRKE ARSENATE OF LEAD CART RIDGES—Price: 40c; Doz., \$4.25.

KIRKE BORDEAUX CARTRIDGES—Price: 30c; Doz., \$3.00.

KIRKE "TOBACCO" INSECTICIDE CART RIDGES—Price: 30c; Doz., \$3.00.

KIRKE FERTILIZER CARTRIDGES—Price: 30c; Doz., \$3.00.

RAFFIA

WE WILL furnish you the finest quality of Raffia on the market in different colors. The natural Raffia is also used for tying up plants in field or greenhouse. Price: Natural, Lb., \$1.25; Bunch, 10c; Colored, skein, 15c; Lb., \$1.50. Postage extra.

REED

Used for basket making, lattice work, etc. We carry all sizes adapted for schools, homes, etc.

No. 1.....	1 Roll, \$0.15	1 lb., \$1.25
No. 2.....	1 Roll, .15	1 lb., 1.15
No. 3.....	1 Roll, .15	1 lb., 1.05
No. 4.....	1 Roll, .15	1 lb., .95
No. 5.....	1 Roll, .15	1 lb., .90
No. 6.....	1 Roll, .15	1 lb., .85
No. 7.....	1 Roll, .15	1 lb., .80

Postage Extra.



Fig. 548.



The Kirke Automatic Distributor.

INSECTICIDES AND FUNGICIDES

Insecticides and Fungicides marked* can be sent by Parcel Post at Purchaser's expense. Consult your local Post Office for rate from St. Louis. Sorts not marked can not be sent by mail.

SAVE YOUR CROP BY SPRAYING WITH OUR INSECTICIDE



A'PHINE—Destroys green, black and white fly, red spider, thrips, mealy bug, brown and white scale, slugs and all soft-bodied insects most effectively, and without injury to foliage or flower. Price: $\frac{1}{2}$ Pt., 40c; Pt., 65c; Qt., \$1.00; Gal., \$2.50.

***APHIS PUNK (40 Per Cent Strength, for Fumigating)**—Specially prepared for Greenhouses and Conservatories. It vaporizes the nicotine economically and evenly. Nothing keeps a house free from Aphis, Thrip and other parasites so thoroughly and cheaply. Price: Box of 12 rolls, 60c; 1 case 12 boxes, \$7.00.

***ANT POWDER**—For destroying ants in house, lawn and garden. Price: 25c, 50c.

ARSENATE OF LEAD PASTE—The best of all arsenical insecticides; does not burn the foliage, and as it shows white you can tell just what has been sprayed; sticks well to the foliage and is sure death to all leaf-eating insects. Apply at rate of 1 oz. to 1 Gallon. Price: Lb., 30c; 5 Lbs., \$1.35; 10 Lbs., \$2.60; 50 Lbs., \$10.00.

***ARSENATE OF LEAD POWDER**—Dry Powdered Arsenate of Lead insures maximum effectiveness at minimum expense. This product is greater in bulk per given weight than any other powdered Arsenate of Lead on the market. Apply 2 Lbs. to 50 Gal. of water. Price: $\frac{1}{2}$ Lb., 30c; Lb., 50c; 5 Lbs., \$2.00.

AZOA—Is the virus of a disease peculiar to rats and mice. In a majority of cases, inoculation will produce this disease, and consequently destroy the pests. Price: Pkg., 50c.

BORER OIL—A few drops of this oil squirted into the tunnels made by Round or Flat Head Tree Borers will usually stop their work. An ordinary oil can is just the thing for applying. When you see the fine sawdust signs for borers at the tree butt, start at once to exterminate the sawdust maker or he will quickly exterminate your trees. Price: 1 Pt., cans, 25c.

BORDEAUX MIXTURE PASTE—For all Fungous diseases. Should be applied early in the season in order to obtain best results.

For ordinary use it takes 11 pounds to 50 gallons of water.

For peach and trees with delicate foliage use 11 lbs. to 60 to 70 gallons of water. Price: Lb., 25c; 5 Lbs., \$1.15; 10 Lbs., \$2.00; 50 Lbs., \$8.00.

***BUG DEATH**—Is ideal for use on Potato, Squash, Cucumber, Currant, Gooseberry and Tomato Plants and Vines; for House Plants. Kills the Bugs WITHOUT injuring or destroying the most delicate Plant, Vine or Leaf. It contains no Paris Green or other Arsenical Poisons. It is very fine, tenacious powder THAT STICKS. Price: Lb., 20c; 3 Lbs., 60c; 5 Lbs., 85c.

***CUTWORM FOOD**—The one best food for the destruction of cut-worms. It is simple and easy to use. It consists of a material that is more delicious and is much more preferred by the cut-worm than the plants themselves. It is sprinkled on the ground around the plant just as it is found in the package. For plants started from seed, it is applied as soon as the first plants break ground; for plants started in a seed-bed, it is applied just after setting, such as tomatoes, cabbage, egg-plants, cauliflower, tobacco and flowers. The one-pound package is a very convenient size to use for small gardens and flower-beds. Directions how to use on each package. Price: Lb. package, 25c.

***FISH OIL SOAP**—Used during the summer as a wash, thus preventing the spread of scale. Price: Carton, 20c; 5 Lbs., 60c.

FLOWER OF SULPHUR—For mildew. Price: Lb., 20c; 10 Lbs., \$1.00; 25 Lbs., \$2.00.

FUNGINE—An infallible fungicide for destroying mildew, rust, bench rot and other fungi. Apart from its general effectiveness, an important merit is that it does not stain the foliage. It is a clean, safe and easily applied remedy. Price: Pt., 70c; Qt., \$1.00; Gal., \$3.50.

CONKEY'S FLY KNOCKER—Many infectious and dangerous diseases are communicated by flies and other pests. Besides this, they are a source of constant worry to man, beast and fowl. Conkey's Fly Knockers makes it possible for you to overcome such insects. Spray it on your stock and wherever flies congregate and you will find that your stock is far more profitable and your own comfort will be greatly increased.

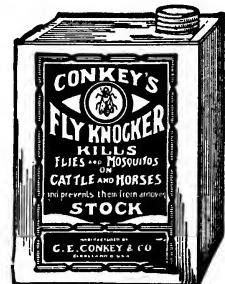
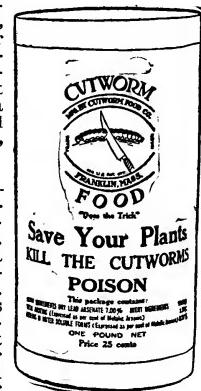
We guarantee it to give satisfaction. Price: Qt., 50c; 2 Qts., 75c; Gal., \$1.25; 5 Gal., \$5.50.

GRAPE DUST (Hammonds)—A voids mildew on Roses, Grapes, Gooseberries, etc. Price: Lb., 20c; 5-Lb. Packages, 70c.

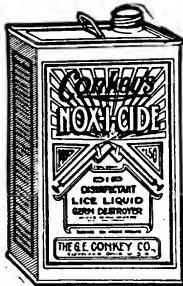
GOPHER KILLER — For exterminating Prairie Dogs, Ground Squirrels, Gophers and all burrowing animals. Price: Qt., \$1.00.

***GRAFTING WAX**—Used for grafting trees and Roses. Price: $\frac{1}{2}$ Lb., 15c; Lb., 25c.

HELLEBORE—One of the best insecticides for all-around garden use. Kills leaf-eating insects, such as currant worm, cut worm, rose bug, etc. Can be used dry or in solution. 1 oz. to 2 gals. of water. Price: $\frac{1}{4}$ Lb., 25c; $\frac{1}{2}$ Lb., 40c; Lb., 75c.



INSECTICIDES



LIME SULPHUR SOLUTION — A perfect Scale and Fungus Destroyer; special for Plum and Peach Trees, which need Fall and Spring treatment; cures Peach leaf curl. Use during dormant period. Protect the hands with gloves when applying. Dilute with 10 parts of water. Apply with spray pump. Price: Qt., 35c; Gal., 75c; 5 Gal., \$3.00; 50 Gal. Bbl., \$10.00.

***DRY LIME AND SULPHUR**— Use from 10 to 12 pounds of

Dry Powdered Lime-Sulfur, dissolved in 50 gallons of water, should be used as a dormant spray against scale insects. Price: Lb., 25c; 5-Lb. Pkg., 55c.

NIKOTEEN (30 Per Cent Strength for Spraying)

—Strongest, purest and most economical. Death to Aphid or Green Fly, Spider, Mealy Bug, Thrip and many other forms of Flower, Fruit and Vegetable lice. Price: Small Bottle, 25c and 40c; 8 Oz., 95c; 1 Lb., Bottle, \$1.50; 4 Lb., Bottle, \$5.00; 8 Lbs., \$10.00.

CONKEY'S NOX-I-CIDE (Formerly called Taroline)—This is the poultryman's best friend. The majority of dangerous poultry diseases may be traced to the presence of germs which thrive unless a soluble disinfectant, deodorant and germ destroyer is used. Conkey's Nox-i-cide mixes with water, one gallon making 101 gallons of ready-to-use liquid. Price: 1 Pt., 40c; 1 Qt., 70c; 2 Qts., \$1.00; 1 Gal., \$1.75; 5 Gal., \$7.50. Express extra.

PARIS GREEN—It may be applied dry mixed with flour, or mixed with water and sprayed on the foliage. For potato beetles, 1 oz. to 3 gals. of water is recommended. Prices subject to market.

***RAT CORN**—No Smells—No Odors—It mummies them. No matter where they die, they simply DRY UP. Positively does not smell. Price: 15c, 25c.

SCALE DESTROYER (Target Brand)—This we consider the most effective scale destroyer on the market today. Specially good for lawn trees and hedges, as it will not stain. Mixes perfectly with water. Use during dormant period. Dilute with 15 to 20 parts of water. Apply with spray pump. Price: Qt. can, 50c; Gal., \$1.25; 5 Gal., \$4.50.

SCALECIDE (Pratts)—Soluble crude oil. Used for the destruction of the San Jose scale. Dilute at the rate of one gallon to fifteen gallons of water. Scalecide does not clog nozzles, hose or pump, and is pleasant to use. Trees may be sprayed in winter and early spring before they start to come to bud. Price: Qt., 55c; Gal., \$1.30; 5 Gals., 4.85; 30 Gals., \$20.80.

SCHILLING'S ROACH AND ANT POWDER—Kills all bugs, roaches, ants and other insects. Harmless to use anywhere; will not injure floors, etc. Price: Pkgs., 25c and 50c.

SLUGSHOT—A light, composite, fine powder, easily distributed either by duster, roaches, ants and by spraying. Thor-oughly reliable in killing Currant Worms, Potato bugs, Cabbage Worms, Chicken Lice, Slugs, Sow Bugs, etc., and it is also strongly impregnated with fungicides. Price: Cartons, 20c; 5-Lb. package, 50c.

***SULPHO TOBACCO SOAP**—Kills all insect life in the window, garden or conservatory. Price: Small cake, 10c; Large cake, 20c.

***TOBACCO DUST**—Price: Cartons, 10c; 5 Lbs., 30c. **PRATT'S SULFOCID**E—A soluble sulphur summer spray. A substitute for Bordeaux mixture. A most powerful non-poisonous fungicide for fruits and vegetables—for blight, rusts, mildew, scab, canker, brown rot, etc. One gallon makes 200 gallons of spray. Price: Pt., 50c; Qt., 75c; Gal., \$2.00.

***TREE PAINT**—Pine Tar—A specially prepared tree paint. Just the thing to use after pruning your trees. Price: 1 Pt., 20c; 1 Qt., 30c; 1 Gal., 70c.

***TREE TANGLEFOOT**—(Caterpillar Paste)—A remedy against caterpillars and all tree-climbing insects.

This spread around the trunk of a tree, about 4 inches wide will remain for three months in a sticky condition and will prevent any creeping insects from climbing the tree. Put up in paste form. It should be put on every tree in the city. Price: Lb. cans, 50c; 3 Lbs., \$1.45; 10 Lbs., \$4.50; 20 Lbs., \$8.75.

WEED-KILLER—Is a most effective solution of high-grade chemicals, combined by a secret process. The dilution is one to fifty parts of water, made so easily that a boy or child can attend to it. A remedy that not only reduces the amount of labor, but does it at about one-tenth the cost. A gallon, diluted, is sufficient to cover a space 100 to 150 square yards. Application is best made with a watering-can to insure uniform distribution. Price: Qt., makes 31 Qts., 75c; Gal., makes 51 Gals., \$1.50.



Aphis Punk

NIKOTEEN

12 sheets, 33 in. ea. 8 lbs.

4 lbs.

1 lb.

1/2 lb.

2 oz.

FERTILIZERS

FOR LAWN, GARDEN, FIELD AND HOUSE PLANTS A NECESSITY TO ALL GROWING PLANTS

Pulverized
Sheep
Manure
put up for
St. Louis
Seed Co.

ALL CULTIVATED soils require fertilizing from time to time to replace the vital growing forces and power which each succeeding crop removes in its development and maturity. Unless this is done it is only a matter of time when even rich and fertile soil will fail to be productive.

Farms, Gardens, Lawns and Flower Beds always should be given a dressing of fertilizer each season before planting. Mother Earth needs food to produce good crops, the same as a human being requires food to be strong and healthy.

Animal Manures have many advantages and are of great value in building up and maintaining the soil's fertility, not only for actual plant food in the form of Nitrogen, Phosphoric Acid and Potash, but for the lasting effect upon soil conditions and humus they supply.

Pulverized
Cattle
Manure
put up for
St. Louis
Seed Co.

PULVERIZED SHEEP MANURE

THIS is a high grade of Fertilizer and is especially adapted for Gardens and Lawns. No better manure can be secured. It is selected from the accumulation in the Western Sheep Feeding Stations where thousands of sheep are confined in pens to be fattened for market.

This manure is gathered from the pens, shipped to the reduction plant, and then is immediately dried by a special direct heat process, which destroys any weed or seed it may contain. It is then screened free from rough bedding and uniformly pulverized into the most concentrated form for general use. In landscape work, for gardens and lawns, there is no equal.

For New Lawns use 100 lbs. to 1000 square feet.

For Old Lawns, as a top dressing, use 50 lbs. to 1000 square feet.

For Flower Beds and Vegetable Gardens, before planting, use 50 lbs. to 500 square feet.

For Mixing Potting Soil, use 1 qt. to 20 qts. of earth.

Price: 5 Lbs., 25c; 10 Lbs., 45c; 25 Lbs., 75c; 50 Lbs., \$1.25; 100 Lbs., \$2.00; 500 Lbs., \$9.50.

Special Price on Ton Lots.

PULVERIZED CATTLE MANURE

IT IS especially adapted for grain crops and garden use on crops like Potatoes, Corn and Wheat. This manure is pulverized and dried and is free from weed seeds. It can be drilled with any farm seed drill. One hundred pounds will equal one load of stable manure.

For Grain Crops use 1000 Lbs. to the acre. Put up in 25-lb., 50-lb. and 100-lb. bags.

Price: 25 Lbs., 75c; 50 Lbs., \$1.25; 100 Lbs., \$2.00; 500 Lbs., \$9.50. Special price on Ton Lots.

LIMESTONE

FOR applying on sour and worn-out soils at the rate of 1 ton per acre. Put up in 100-lb. bags; no less quantity sold. Price: Bag, 90c; 1000 Lbs., \$8.50; Ton, \$16.00.

ST. L. S. CO.'S EXCELSIOR PLANT FOOD

IT WILL make weak plants strong and make healthy plants have brighter flowers and prolong the period of blooming. Price: Small size, 15c; Large size, 25c.

Bone
Meal
put up for
St. Louis
Seed Co.

HUMUS is dry, thoroughly pulverized, odorless and clean to handle and apply, and absolutely free from weed growth. For Flower and Vegetable Garden, apply at rate of $\frac{1}{2}$ to 2 inches deep and fork it well in the soil.

For pot plants mix about $\frac{1}{4}$ of the Humus with $\frac{3}{4}$ of regular potting.

For lawns it is applied as a top dressing from $\frac{1}{2}$ to 1 inch in depth, for general lawn work, as a top dressing, 100 lbs. will effectively treat about 800 square feet. 20 Tons per acre.

PRICE OF NATURAL HUMUS (Smallest quantity sold is 100 lbs.)

100 lb. bag . . . . .	.....	\$ 1.25
500 lbs. . . . .	.....	5.50
1000 lbs. . . . .	.....	10.00
1 ton . . . . .	.....	19.00

Humus
put up for
St. Louis
Seed Co.

POULTRY REMEDIES

CONKEY'S ROUP PILLS—For the individual treatment of birds and for use in show room. Price: Pkgs., 30c; 60c and \$1.20.

CONKEY'S CANKER SPECIAL—Price: Pkg., 50c.

CONKEY'S ROUP REMEDY—This truly superior remedy is used in every country. Price: Pkg., 30c, 60c and \$1.20.

CONKEY'S CHOLERA REMEDY—Must be given in the drinking water. Price: Pkg., 30c and 60c.

CONKEY'S POULTRY WORM REMEDY—This is a most necessary article, as it aids in ridding the fowl of harmful, as well as other worms, promoting the return of healthful condition. Price: 30c; by mail 35c.

CHICKEN POX—This disease is known by different names in different localities, such as Sore Head, Pigeon Pox, Warts and Pain. Price: Pkg., 60c.

CONKEY'S POULTRY TONIC—It keeps the bowels in good condition, assists digestion. Price: Pkgs., 30c, 60c, 12-Lb. pails, \$1.40; 25-Lb. pail, \$2.75. Postage extra.

LIMBER NECK—Price: Pkg., 60c.

CONKEY'S LICE LIQUID—The only thing for Mites and Lice. Price: Qt., 50c; 2 Qts., 75c; Gal., \$1.25. Cannot be sent by mail.

CONKEY'S SULPHUR CANDLES—For fumigation. Price: 10c; 3 for 25c; by mail, 30c.

CONKEY'S BRONCHITIS REMEDY—Bronchitis and Roup are frequently confused, but they are separate diseases and require entirely different treatment. It is inflammation of the membranes of the bronchial tubes instead of the membranes of the nostrils and head passages. Price: 60c; by mail, 65c.

CONKEY'S SCALY LEG REMEDY—Scaly leg is caused by a parasite working in and underneath the scales of the feet and legs. Price: 50c; mail postpaid.

CONKEY'S RHEUMATIC REMEDY—Cures those lame and useless birds. Price: 60c; by mail, 65c.

CONKEY'S GAPE REMEDY—This is a reliable remedy for this annoying and deadly disease. It is guaranteed to do the work and to satisfy YOU. Price: 30c and 60c.

CONKEY'S POULTRY CONDITIONER—Is valuable for fowls that are run down, off their feed, recovering from disease, at moulting time and when preparing for the show room. Price: 30c and 60c; by mail, 35c and 65c.

CONKEY'S POULTRY LAXATIVE—A reliable laxative is often needed by itself. Price: 30c.

CONKEY'S LICE POWDER—Is absolutely harmless to the fowl, and positively overcomes the lice. Also use it in the dust bath. Price: 15c, 30c, 60c and \$1.20 pkgs. Postage extra.

CONKEY'S LICE-FIX—Another and effective way of going after and getting the body louse. Price: 30c and 60c, mail postpaid.

CONKEY'S BLACKHEAD REMEDY—A special remedy for Black-head. Price: 60c; by mail, 65c.

CONKEY'S WHITE DIARRHOEA REMEDY—It is accompanied by a white, pasty, fecal discharge, which pastes up the feathers and closes the vents. Price: 30c and 60c; postpaid.

CONKEY'S HEAD LICE OINTMENT—This article will destroy the head louse, which annually kills thousands of little chicks. Price: 15c and 30c, mail postpaid.

CONKEY'S HEALING SALVE—This article will be found highly satisfactory in every way. Price: 30c, postpaid.

CONKEY'S NOX-I-CIDE (formerly Taroline)—The greatest disinfectant and germ destroyer known. Price: Pt., 40c; Qt., 70c; 2 Qts., \$1.00; Gal., \$1.75. Cannot be sent by mail.

LEE'S LIQUID LICE KILLER—The kind that is always good; destroys all vermin—lice, mites, jiggers, bedbugs. Price: Qt., 50c; ½ Gal., 75c; Gal., \$1.25. Cannot be sent by mail.

LEE'S INSECT POWDER—Prepared in large 1½-Lb. sprinkler-top cans. Price: Each, 30c. Postpaid, 38c.

LEE'S GERMZONE—In large 12-oz. bottles. Price: 65c. Cannot be sent by mail.

LEE'S EGG MAKER—Price: Pkgs., 30c, 60c.

PRATT'S WHITE DIARRHOEA REMEDY—This remedy will positively save many dollars' worth of little chicks to poultry raisers. Price: Extra large box, 60c; small size, 30c.

PRATT'S ROUP REMEDY—Is a scientific preparation put up in either tablet or powder form. Price: 30c and 60c.

PRATT'S SCALY LEG REMEDY—You can quickly root out the little insect which digs the scales of the feet and legs of your chickens by the use of Pratt's Scaly Leg Remedy. Price: 30c and 60c a box.

PRATT'S POULTRY REGULATOR—It is a guaranteed egg producer, and when regularly used, hens lay throughout the year. Price: Pkgs., 30c, 60c; 25-Lb. pail, \$2.75. Postage extra.

PRATT'S CHOLERA REMEDY—Price: Pkg., 25c, 50c.

DR. HESS'S POULTRY PAN-A-CEA—It is an egg producer, by its invigorating effect upon the organs. Price: 25c and 60c. Postage extra.



POULTRY FEED

On Account of the Unsettled Condition, we are Unable to make Prices on Feed at Present for Future Delivery.



"FEED-A-GUD" CHICK FEED

"Feed-a-Gud" Chick Feed contains no shell and grit; is composed only of sound, wholesome grain carefully and scientifically balanced, so that it will meet all the requirements of maturing chicks and laying hens. No stale or damaged grain is ever used in preparing this feed. It is the best grain mixture on the market and contains all the elements necessary in the grain line.

Write for prices.



"FEED-A-GUD" BUTTERMILK MASH FEED

The Balanced Ration for Poultry.

There is not and never has been anything on the market like it. Buttermilk mash feed is entirely new and different from milk mash because it contains the lactic acid, which is so good for poultry, and which powdered sweet milk does not contain.

The fowls thrive on it because it contains the elements that they require, both for body building and for egg making. It is as near a perfect food as could be hoped for and birds fed on it soon show, in appearance and productions, that they can do better if given the proper food.

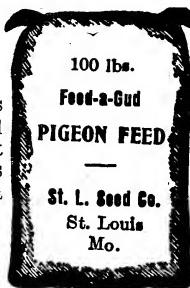
It also eliminates the sloppy feeding places and does away with the washing of slimy and ill-smelling utensils where liquid milk is fed.



"FEED-A-GUD PIGEON FEED

"Feed-a-Gud" Pigeon Feed contains no shell and grit. It is a scientifically prepared balanced ration food. Especially adapted to the growth of young pigeons and squabs. It makes the best general feed for all kinds of fancy and domestic pigeons. Keeps the birds healthy and develops shape, style and plumage to a remarkable degree. As a foundation food it has no equal.

Write for prices.



For fowls and chicks of all ages there is nothing like our Buttermilk Mash Feed for making them do their best. We proved this by a series of exacting tests and after seeing the results it compelled us to put this new food on the market.

Write for prices.

STEEL CUT OATS

It is the best feed for baby chicks, far better than wheat or corn, because it is kiln dried, predigested, therefore preventing young chicks from bowel trouble. Very economical to feed, because they are more nutritious than mixed grain, and no waste.

Write for prices.

MEAT SCRAPS

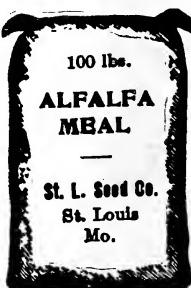
Will insure an increase in eggs that will more than pay the cost. A great help in moulting season to prepare hens and pullets for winter laying.

Write for prices.

ALFALFA MEAL (COLORADO GREEN)

Is now one of the most essential foods of the day for poultry as well as horses, cattle, etc. Our brand is the best that can be made; clean and nice, fine to mix with other feeds. It is a blood maker and egg producer.

5 lbs., 25c; 50 lbs., \$1.50; 100 lbs., \$2.75.



POULTRY FEED—Continued

Prices Subject to Change.

OYSTER SHELL, FINE OR COARSE

For small chicks, made from nice bright oyster shells, not clam shells or mussel shells. Price: 5 lbs., 10c; 10 lbs., 15c; 25 lbs., 30c; 50 lbs., 55c; 100 lbs., \$1.00.

GRIT MICA, COARSE OR FINE

Mica Grit contains valuable medical properties and acts as medicine as well as grit. Price: 5 lbs., 10c; 10 lbs., 15c; 25 lbs., 30c; 50 lbs., 55c; 100 lbs., \$1.00.

CUT CLOVER

This is made from best quality of red clover, cut fine to use in brooders and pens for baby chicks as well as scratch pens for older chickens. They eat the fine leaves when they can't get grass.

5 lbs., 25c; 10 lbs., 50c; 25 lbs., 90c; 50 lbs., \$1.75; 100 lbs., \$3.00.

"FEED-A-GUD" HEALTH GRIT

Health Grit is a scientific mixture of grit, oyster shells, charcoal, tonics, etc., which when freely fed to pigeons enable them to raise large, juicy squabs and keeps them always in the prime of condition. It is necessary to keep oyster shells, charcoal, salt grit, etc., before the birds at all times to obtain the best results.

"Feed-a-Gud" Health Grit contains all these ingredients in the exact proportions, with the addition of tonics, which enables them to raise larger squabs, thus adding to their value.

Price: 5 lbs., 15c; 10 lbs., 25c; 25 lbs., 50c; 50 lbs., 95c; 100 lbs., \$1.75.

BONE: COARSE OR FINE RAW CRACKED

It is ground very fine and is especially used to mix with a mash food. Price: 3 lbs., 25c; 25 lbs., \$1.65; 50 lbs., \$3.10; 100 lbs., \$6.00.

CHARCOAL, COARSE OR FINE

Everyone should know the value of charcoal. It prevents sour crop and aids digestion; is beneficial to poultry of all ages. Fine for chicks and coarse for older Poultry. Price: 3 lbs., 15c; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.25.

BUCKWHEAT

Good for mixing.

CANADA PEAS

For Pigeons, etc.

WE CAN SUPPLY YOU WITH ANYTHING IN THE POULTRY LINE



The best feed on earth for ducklings. Helps to keep them in good, healthy condition. Our customers use it in large quantities. It is pure and wholesome food, fit for table use. We could not begin to supply the demand last season.

ROLLED OATS

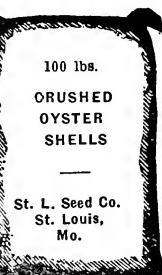
Common, whole for feeding or sprouting.

BRAN WHEAT

Very essential to the poultry raiser. Best grade.

CORN, CRACKED

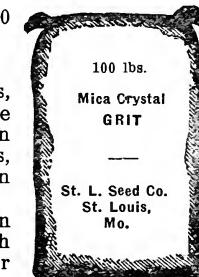
Best on the market. It pays to buy this in preference to using whole corn. Write for prices on the above.



CRY-S-CO GRIT AND SHELL PRODUCER



St. L. Seed Co.
St. Louis,
Mo.



St. L. Seed Co.
St. Louis,
Mo.

In buying CRY-S-CO you get a shell producer and grit combined. The chicken gets more lime from CRY-S-CO than from the genuine oyster shell. The gritty part of CRY-S-CO thoroughly grinds the food, being hard, sharp and cubical, and saves the buying of a separate grit for this purpose. Price: 5 lbs., 10c; 10 lbs., 15c; 25 lbs., 30c; 50 lbs., 55c; 100 lbs., \$1.00.

HEMP SEED

A very fattening food and well liked.

KAFFIR CORN (FOR POULTRY)

Used largely for Pigeons, and other mixtures.

LINSEED MEAL

This meal is largely used in a mash feed for poultry during the moulting season and when chickens are out of condition. It is a great stimulant for bowel trouble, etc.

PEANUTS, SHELLLED (FOR PIGEONS) SUNFLOWER SEED HOMINY FEED (CORN MEAL) COTTON SEED MEAL

An excellent stimulant for egg making, giving them good color. This meal is very rich, also used for live stock feeding.

GLUTEN MEAL

For poultry.

MIDLINGS

Used in Mash.

MILLET

For a scratch feed.

OATS

Common, whole for feeding or sprouting.

ROLLED OATS

Common, whole for feeding or sprouting.

BRAN WHEAT

Very essential to the poultry raiser. Best grade.

CORN, CRACKED

Best on the market. It pays to buy this in preference to using whole corn. Write for prices on the above.





Conkey's

BUTTERMILK STARTING FOOD

GIVES your chicks buttermilk in a dry, sanitary form, not too much and not too little. The lactic acid is just what is needed by the delicate digestive tract of the baby chick as an aid in the prevention of digestive and bowel troubles.

With this buttermilk is mixed a combination of clean, wholesome grains, balanced in just the right proportion to help the little fellows over those critical first three weeks and bring them through with a good start for a healthy, well developed maturity.

By using Conkey's Buttermilk Starting Food you assure your chicks of a sure, steady supply of good wholesome buttermilk, free from contamination of disease. Feed it to your chicks and that's all the food you need to give them for the first two weeks, except a little greens, some grit, and clean water. During the third week you start tapering off feeding the Buttermilk Starting Food so that at the end of that time you have them on regular rations.

Chicks eat very little the first three weeks, and you'll find it costs you about 1c to feed a chick on

Conkey's Buttermilk Starting Food during that time. It's therefore quite inexpensive.

Feed your chicks Conkey's Buttermilk Starting Food and watch them grow quickly into heavy layers, strong breeders, full-bodied market birds, real profit-makers.

BUY A BAG.

100 lbs.	\$7.25
50 lbs.	3.75
25 lbs.	2.00
12 lbs.	1.00
3-lb. packages, 30c; 6½-lb. packages, 60c.	



Farmers' Friend Egg Carrier.

PARCEL POST EGG CARRIERS

FARMER'S FRIEND EGG CARRIER

Insures safety of egg transportation through the mails. A boon to poultry raisers everywhere. Light in weight. Strong in construction.

IN OUR Farmer's Friend Egg Carrier you will find one of the most useful and convenient articles that a farmer and poultryman can have. No shipper of eggs can afford to be without these Parcel Post Egg Carriers. The demand from the city markets for FRESH eggs is such that it is to the wide-awake farmer's or poultryman's interest to be prepared to mail eggs as soon as laid. Parcel postage is cheap, hence big returns await the egg shipper.

The Farmer's Friend Egg Carrier is made with patent lid fastener and equipped with handle as shown in cut.

The Farmer's Friend is the only farmer's egg carrier having solid sides, which protect eggs and fillers from weather.

Capacity	Weights	Each	Dozen
6 doz.	5 lbs.	\$0.50	\$5.00
9 doz.	6½ lbs.	.55	6.00
12 doz.	8 lbs.	.60	7.00
15 doz.	9 lbs.	.70	8.00

"HANDY" EGG CARRIER

These cartons are made of heavy cardboard, each holds 1 dozen eggs. Price, 2x6..... Per hundred, \$0.95 Per thousand, \$8.50 Price, 3x4..... Per hundred, .95 Per thousand, 8.50

NON-BUSTO ELASTIC EGG CARRIER

IF THERE were no other reason, you ought to buy these carriers on price alone. But look at these special features. Air cushion all around edges minimizes jars. Eggs stand on end to prevent breaking. Water-proof outside. Printed gummed address label with each carrier.

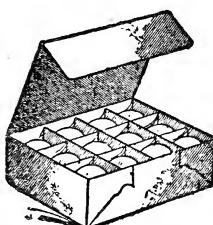
Printed with your own brand and name, \$1.25 per 1000 extra.

24-egg capacity	Each, \$0.10	Doz., \$1.00
36-egg capacity	Each, .15	Doz., 1.50
48-egg capacity	Each, .20	Doz., 2.00
60-egg capacity	Each, .25	Doz., 2.50

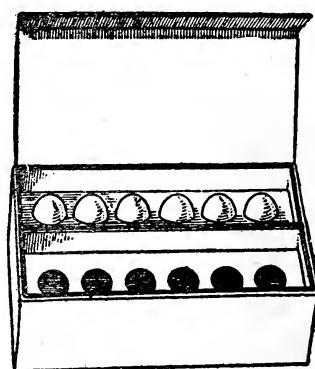
SAFETY PARCEL POST EGG CARRIER

THE Safety Egg Carrier is made of heavy corrugated cardboard and can be used for several seasons. Shipped knocked down, flat, take up little room, easy to put together, no tools, glue, fasteners or staples required. Cover of box is printed "EGGS" with space for shipper to fill in their name, and lines for address as required by the Post-Office.

2-doz. size.....	Each, \$0.15	Per doz., \$1.00
3-doz. size.....	Each, .20	Per doz., 1.50
4-doz. size.....	Each, .25	Per doz., 2.00



Handy



Non-Busto

QUEEN INCUBATORS

They Never Fail

Stop Hatching Weak Chicks

with cheap incubators. A Queen cost but little more, and the extra chicks that live and grow soon pay the difference.

Remember, it is not how many chicks you hatch that counts, but how many you raise. Chicks that hatch out weak and wobbly, and live but a few days, mean nothing to you but trouble and loss. They make one sick of the poultry business.

Most of the chicks you lose in the first few weeks die because they did not have, when hatched, enough strength or vitality for a good start.

Regulation

To set the Queen—that is, to properly regulate it for a hatch—just turn one little nut, up or down. It then needs no further attention, so far as the heat is concerned.

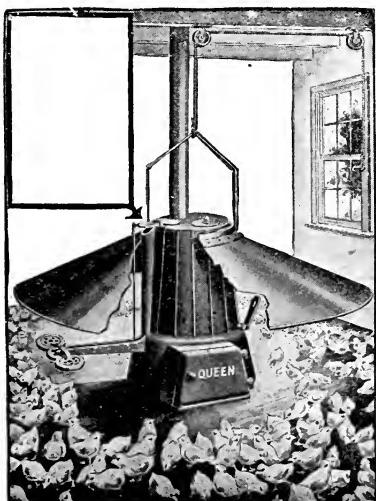
The Queen Hot Water system eliminates the injurious drying out tendency found in all hot air incubators and provides a soft, uniform heat over every part of the egg chamber that is most natural for the hatching eggs. This form of heat under ordinary conditions makes unnecessary the application of moisture, because in the Queen the circulation of water through the radiator neither adds nor takes away the moisture, and air is supplied to the eggs in a natural form as under a mother hen.



Sizes and Prices

No. 1—75-egg size	\$12.25	No. 25—500-egg size	\$ 49.00
No. 2—125-egg size	17.25	No. 35—750-egg size	66.50
No. 3—165-egg size	20.75	No. 45—1000-egg size	87.50
No. 4—250-egg size	27.75	No. 55—1500-egg size	126.00
No. 5—375-egg size	33.50	No. 65—2000-egg size	172.50

QUEEN BROODER STOVES



The Queen Colony Brooder is a new and improved design of brooder stove. It is made of highest quality iron castings that will wear and last indefinitely.

There are no drafts on the smoke pipe of the Queen. The check rests on top of the stove and opens outward when fire is too warm, thus giving a gentle inflow of air to retard the heat. While the opening of the draft to increase the fire is located at the top of the stove, it opens into the fire at the base through an opening extending down the side to the bottom. This feeds the draft into the fire from underneath with no opening below the hover. As will be seen from the illustration, the check and the draft lids are cast together and operated together. Thus, when the fire is too hot, the wafer expands and closes the draft and opens the check, both at the same time. When it is too cool the wafer contracts and closes the check and opens the draft.

	No. 1 600-Chick Size	No. 2 1200-Chick Size
Height to top of stove.....	18 inches	21 inches
Diameter of cylinder.....	10 "	11 "
Diameter of hover.....	42 "	52 "
Diameter of grate.....	9 "	10 $\frac{1}{4}$ "
Height of hover from floor.....	8 $\frac{1}{2}$ "	11 "
Price	\$15.00	\$18.50

POULTRY SUPPLIES

Poultry supplies sent by Express.

BEUOY CAPONIZING INSTRUMENTS—Furnished with full instructions, so that any one can easily perform the operation. Price: \$3.50 per Set.

BLACK HAWK GRIST MILL—Price: \$3.00.

BLACK HAWK CORN SHELLER—Price: \$2.50.

HUMPHREY BONE CUTTER—We recommend the Humphrey. It is as small a machine as can be built on practical lines. Price: \$13.50.

CLOVER CUTTER—The "New Model" is designed for cutting either green, or dry, such growths as Clover, Alfalfa, and Vegetable Tops. Price: \$10.00.

EGG TESTER, HANDY—This Egg Tester is designed for use on an ordinary hand lamp. Price: 35c. Postpaid.

EARTHEN BARREL FOUNTAINS—Price: Qt., 25c; $\frac{1}{2}$ Gal., 35c; Gal., 50c; 2 Gal., 65c.

EARTHEN SANITARY FOUNTAIN—This is made of stoneware, keeps the water cool in hot weather. Price: Qt., 25c; 2 Qts., 35c; Gal., 50c; 2 Gal., 65c.

FEED-A-GUD CHICK FEEDER—For small chicks. Price: 35c.

GRIT BOX—These are the original Self-Feeding Boxes, being made of heavy galvanized iron. Price: No. 1 Grit Box, 35c; No. 2, 70c.

GRINDING MILL, STOVER—The most convenient and economical mill for grinding all poultry feed. Price: No. 32, \$5.50; No. 35B, \$10.00.

GRINDING MILL, ENTERPRISE—This mill will grind more feed and do it better than any other. Price: No. 50, \$3.00; No. 60, \$5.00; No. 70, \$7.00.

THE EASY-ON COLOR BAND FOR PIGEONS ONLY—The new up-to-date Easy-On Color Band is the most simple, cheapest and easiest applied band on the market. Price: 6 pairs, 25c; 12 pairs, 45c; 25 pairs, 80c; 50 pairs, \$1.50.

N. W. AUTOMATIC FEEDER AND FOUNTAIN—Just the Fountain you have been looking for. It feeds water, grain, grit, oyster shell, etc., and is the most Sanitary Fountain on the market; having a glass reservoir, which is easily cleaned, and you can always see just how much water it contains without taking hold of it, and is so simple any child can fill it. Price: Each, 15c; Doz., \$1.50.

KENTUCO SANITARY BOTTOM FILL FOUNTAIN—Made in two pieces. Easily cleaned and owing to its shape it will not burst from freezing.

No. 1 of about 1-quart capacity, each.....\$0.30

No. 2 of about $\frac{1}{2}$ -gallon capacity, each.....40

No. 3 of about 3-quart capacity, each.....50

KENTUCO SANITARY FOUNTAIN—Price: No. 4, 1 Gal., Each, 90c; No. 5, 2 Gal., Each, \$1.15.

LEG BAND, IMPROVED CHAMPION—These bands never come off. Made of aluminum and numbered from 1 up. Price: 12 for 15c; 25 for 25c; 50 for 40c; 100 for 75c.

POULTRY BANDS, BOURNE COLOROID—This band is made with large black numbers on white background. Price: 10 for 35c; 20 for 65c; 100 for \$3.00. Postpaid.

NEST EGGS, "KNOX" MEDICATED—Price: Each, 5c; Doz., 50c.

NEST EGGS, CHINA—Price: Doz., 20c.

NESTS—Wire, 1-inch mesh. Price: Each 10c; Doz., \$1.00.

PETTY'S POULTRY PUNCH—These punches are small and carry nicely in vest pocket. Only 25c Each.

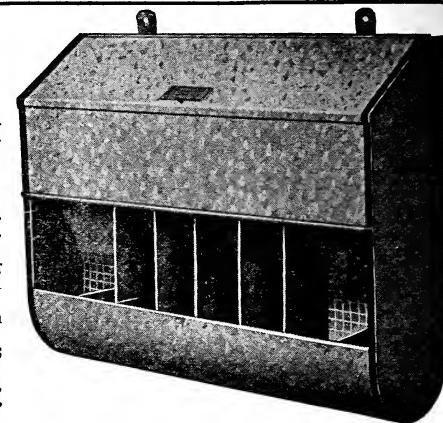
TRAP NESTS—By far the cheapest, most simple, and most practical trap nest on the market. Price: Single nest, \$1.25; Double nest, \$2.00; Triple nest, \$3.00.

THERMOMETER—Incubator. Price: 90c.

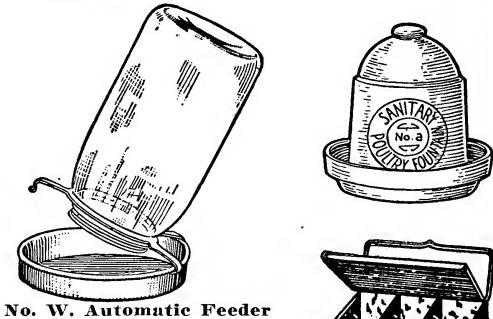
THERMOMETER—Brooders. Price: 60c.

UNIVERSAL HOPPERS—Are 24 inches long, $6\frac{1}{2}$ inches wide and $18\frac{1}{2}$ inches deep. They have two 6-inch and four 3-inch compartments, enabling you to give your fowls six different kinds of feed separately. They are made of galvanized steel, strong and durable; and when closed, are rat, mouse and dust proof. Weight, each 15 Lbs. Price: Each, \$4.25.

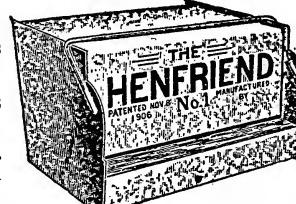
WALL FEED PANS—Hangs on two nails. Easy to clean. Saves waste. Wet or dry feeds. Price: 6-inch, 20c; 12-inch, 30c; 18-inch, 40c.



Universal Feed Hoppers.



No. W. Automatic Feeder
and Fountain.



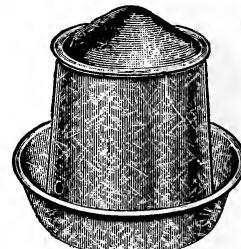
The Henfriend Drinking
Fountain.



Grit and Shell Box.



Barrel Drinking
Fountain.



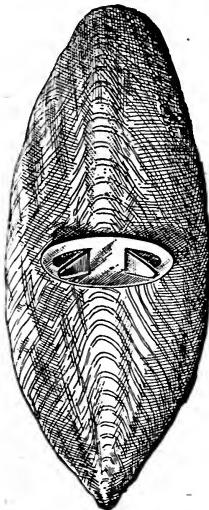
Kentuco Sanitary
Bottom Fill Fountain.

BIRD SUPPLIES

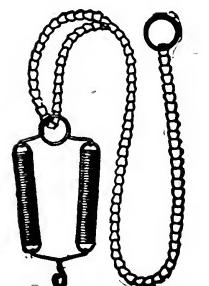
Birdies that Talk, Birdies that Sing; In Our Home's Happiness, Their Sweet Voices Ring.

BIRDS, like human beings, require their food and water regularly, and when sick should be treated promptly. None but the best of food should be fed them, good seed, pure water and plenty of fresh air, together combine the secret of good health to the feathered tribe.

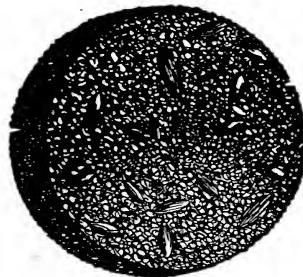
Be very cautious when buying bird seed; never buy seed put up in cartons; as a rule it is old and musty and dangerous to your bird. Insist upon having fresh seed. For the benefit of our customers we list below a variety of fresh seed in bulk. It will pay you to order some when you order your bird.



Cuttle Bone with Holder.



Double Cage Spring.



Bird Manna.

When ordering items listed above not postpaid, remit postage according to the postal zone in which you live.

CANARY SUPPLIES

ST. L. S. CO.'S "FEEDAGUD" CANARY SEED MIXTURE

One of our own special compositions of mixed seeds especially adapted for song birds; very appetizing and invigorating. Price: Lb., 15c; 2 Lbs., 25c.

ST. ANDREASBERG SPECIAL MIXED BIRD SEED.

Prepared from fan cleaned, and air dried Sicily and Canary Seed, together with Rape, etc. Our own preparation. Price: Lb., 20c.

ST. L. S. CO.'S MIXED BIRD SEED WITH HEMP.

A highly valuable restorative, good for song birds of all kinds. We annually sell tons of this mixture, and recommend feeding it freely at all times. Price: Lb., 20c.

"RAPECANARY" SPECIAL.

A mixture of Rape and Canary Seed that contains a quantity of healthful compositions, very beneficial to either old or young birds. Price: Lb., 15c.

CUTTLE BONE.

Do not fail to feed your bird Cuttle Bone. It is as important to the Canary as salt is to the human being. Ours is the genuine Trieste Bone. Price: Each, with holder, 10c.

PETERS' SONG RESTORER.

In this composition we offer a combination food and tonic as well as a song restorer combined. It should be fed during a cold or moulting season; in fact, it is ideal to feed at any time. Per bottle, 30c; by mail, 35c, postpaid.

EGG FOOD.

A restorer for weak and sickly birds. Feed to healthy birds once a week. It will keep them in full song. Per bottle, 30c; postpaid, 35c.

BIRD TONIC.

A valuable remedy for all song birds, invigorating. Should be given to canaries often in order to keep them in perfect singing order. Per bottle, 25c.

White Millet Seed for birds, 15c per lb.

Russian Hemp Seed, 15c per lb.

German Rape, 15c per lb.

Sicily Canary, 15c per lb.

Orange Color Food for Canaries, 25c per box; by mail, 25c.

Parrot Tablets, 25c per vial; by mail, 25c.

Bird Eye Water, 25c per vial; by mail, 25c.

Bird Bitters, 25c per vial; by mail, 30c.

BIRD MANNA.

A great moulting season food. Birds are very fond of it. It is a food and medicine combined, also a song restorer. To be fastened inside of cage near perch (see cut). Price, Pkg., 15c.

ST. L. S. CO.'S "SCRATCHAGUD" BIRD GRAVEL.

Prepared especially for Canaries and other cage birds. It assists digestion and should be freely sprinkled over the bottom of the cage. Price: Pkg., 10c; by mail, 25c, postpaid.

GRAVEL PAPER.

A composition similar to above, only it is made up like sand paper; very novel and clean; fits in bottom of cage. Per package of 12 sheets, by express, 20c; by mail, 30c, postpaid.

MOCKING BIRD FOOD.

Prepared from a formula of our own. It is very invigorating to Canaries as well as to Mocking Birds. It contains a great amount of nutriment in condensed form. We handle only in 1-lb. jars, 35c each; by mail, 45c, postpaid.

PARROT SUPPLIES

PARROT FOOD.

Mixed sunflower and hemp seed, and ideal food for "Polly." Price: Lb., 15c.

MAMMOTH RUSSIAN SUN FLOWER SEED 1 Lb., 10c; 3 Lbs., 25c. Postage extra.

FANCY PARROT PEANUTS

(Selected Stock.)

Price: Lb., 25c.

MEXICAN GRANOOD.

A specially select composition of several kinds of vegetable and animal foods combined. It takes the place of cracker or soaked bread. It is greatly relished by Parrots and keeps them in good plumage. It is similar to the Parrots' native foods. Be sure and order some for your Parrot. Price: Lb., 35c.

PARROT GRIT.

A composition of Iron Tonic Ground, and pulverized especially for Parrots, and all large birds. It imparts vigor, robust and good health, and is very effective in warding off disease. Price: Lb., 10c.

Mite Powder for lice on birds, 25c per box; by mail, 25c.

Moulting Powder, 25c per box; by mail, 25c.

Nestling Food, 25c per box; by mail, 25c.

Bird Nesting, 5c per package; by mail, 7c.

Bird Salve, 25c per box; by mail, 25c.



DOUBLE CAGE SPRING.

When ordering a cage, do not fail to order a cage spring.

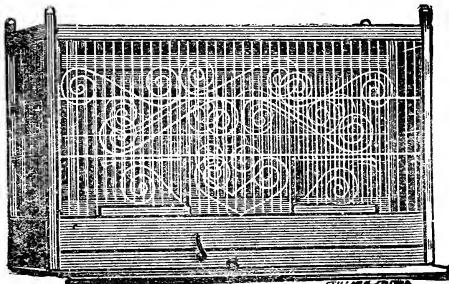
Price: Each, 15c. With chain attached as shown in illustration.

Price: Each, 30c.

Bird Tonic.

BIRD CAGES

We carry a complete assortment of cages. Space permits us to show but a few of our leading styles.
Prices on any other style quoted upon application.



Flat Top Breeding Cage.

FLAT TOP BREEDING CAGE

This beautiful cage is well described by the accompanying illustration. No. 2 size, 20 in. long, price, \$2.50; No. 3, 22 in. long, price, \$3.25.

NOTE—Wire nests and nesting should be ordered with this cage. Nest, 10c; Nesting, 5c.

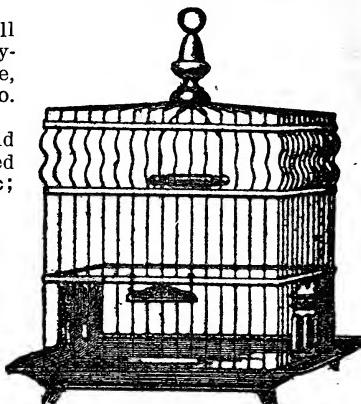
BRASS CANARY CAGE WITH DRAW PAN

Our Brass Cages are made of Heavy Brass wire. All of our Brass Cages are lacquered to prevent them from corroding. They are furnished with draw pans, feed cups, perches, brass knobs with spring and spring doors. A very beautiful cage. Each

No. 2572-M.	10 $\frac{1}{8}$ x 7 $\frac{1}{8}$ in.	\$6.00
No. 2573-M.	10 $\frac{3}{4}$ x 7 $\frac{3}{4}$ in.	6.75
No. 2574-M.	11 $\frac{1}{8}$ x 8 $\frac{3}{8}$ in.	7.50
No. 2575-M.	12 x 9 in.	8.50

Our Bird Cages
will merit your
Approval.

JAPANNED CAGES



Japanned Cage.

A beautiful pattern, Japanned and painted, very neat and attractive, though not as much so as the all-brass kind.

- No. 242. Size 8x8 in. Price, \$1.15
No. 262. Size 10x7 in. Price, 1.75
No. 264. Size 11x8 in. Price, 2.50



Brass Canary Cage with Draw Pan.

AQUARIUM DEPARTMENT

ALUMINUM FRAME AQUARIUM—SLATE BOTTOM

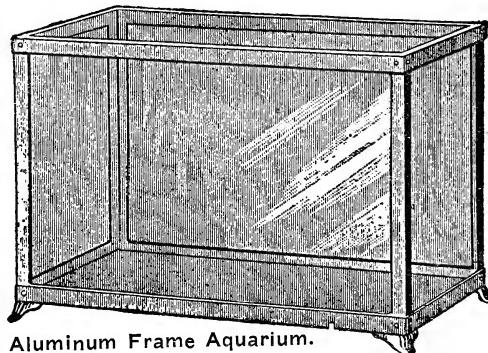
In our Aluminum Frame Aquarium we offer you the finest aquarium made. The frame being made from aluminum, it remains bright and never tarnishes. The glass is of double strength.

It will not rust or leak, nothing to get shop-worn. Best and most artistic aquarium made. Every aquarium tested.

No.	Long	Wide	High	Gallons	Each
60	12 $\frac{1}{2}$ in.	7 in.	10 in.	3	\$ 4.50
61	16 $\frac{1}{2}$ in.	9 in.	11 in.	6	6.00
62	18 $\frac{1}{2}$ in.	11 in.	12 in.	9	7.50
63	20 $\frac{1}{2}$ in.	13 in.	13 in.	12	9.00
64	22 $\frac{1}{2}$ in.	13 in.	14 in.	15	11.00

ROUND GLASS AQUARIUM

Made of Flint Glass. Very pretty and attractive.
Size, 11 inch Diam. Price, each.....\$1.50
Size, 12 inch Diam. Price, each.....2.00
Size, 14 inch Diam. Price, each.....3.00
Size, 15 inch Diam. Price, each.....3.50
Size, 16 inch Diam. Price, each.....4.00
Size, 17 inch Diam. Price, each.....5.00
Size, 18 inch Diam. Price, each.....6.25



Aluminum Frame Aquarium.

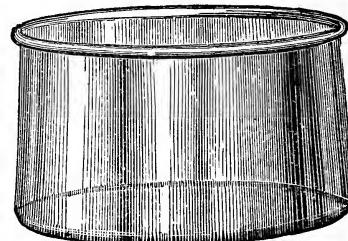
FISH GLOBES

(Fish Globes can be sent by express only. These are the Most Popular of all Globes.

Diameter	Holds	Each
5-inch.....	2 Qts.....	\$0.35
7-inch.....	4 Qts.....	.50
8-inch.....	6 Qts.....	.70
10-inch.....	8 Qts.....	.90
11-inch.....	12 Qts.....	1.25
12-inch.....	16 Qts.....	1.50
13 $\frac{3}{4}$ -inch....	5 Gal.....	1.75
14 $\frac{1}{4}$ -inch....	6 Gal.....	2.50



Fish Globes.



Round Glass Aquarium.

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Bee Keeping—Root	1 00
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Gold Fish Varieties and Tropical Aquarium Fishes	3 00

Indian Runner Ducks	\$0 50
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Poultry Houses and Fixtures	75
Profitable Poultry Keeping in All Branches	50
Profitable Poultry Houses and Appliances	50
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Success with Hens—Robert Joos	1 00
Successful Poultry Keeping—Tells how to succeed	1 00
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Turkeys—Their Care and Management	75

ST. LOUIS SEED COMPANY'S CALENDAR FOR SEED PLANTERS

IN THE LATITUDE OF ST. LOUIS

JANUARY—Sow in Hot-Bed—Early Beet, Early Cabbage, Forcing Carrot, Cauliflower, Early Lettuce, Early Onions, Radish.

FEBRUARY—Sow in Hot-Bed—Early Beet, Broccoli, Early Cabbage, Forcing Carrot, Cauliflower, Celery, Cucumber, Egg Plant, Early Lettuce, Parsley, Pepper, Early Onions, Radish, Tomato.

MARCH—Sow in Hot-Bed—Early Beet, Early Cabbage, Forcing Carrot, Cauliflower, Celery, Cucumber, Egg Plant, Kohl Rabi, Lettuce, Melon, Parsley, Pepper, Onions, Radish, Tomato, Herbs. Sow in Open Ground—Beans, Beets, Cabbage, Cauliflower, Celery, Carrot, Cress, Leek, Lettuce, Onion, Parsnip, Peas, Potatoes, Radish, Spinach, Early Turnip, Onion Sets.

APRIL—Sow in Hot-Bed—Cucumber, Egg Plant, Melon, Pepper, Tomato. Sow in Open Ground—Asparagus, Beans, Beets, Cabbage, Carrots, Cauliflower, Celery, Sweet Corn, Cucumber, Cress, Endive, Kale, Kohl Rabi, Leek, Lettuce, Melons, Onions, Parsley, Parsnip, Peas, Potatoes, Radish, Rhubarb, Salsify, Spinach, Tomato, Turnip, Sage, Herbs, Onion Sets.

MAY—Sow in Open Ground—English Beans, Pole Beans, Bush Beans, Beets, Brussels Sprouts, Cabbage, Carrot, Celery, Sweet Corn, Cress, Cucumber, Endive, Kale, Kohl Rabi, Leek, Lettuce, Mel-

on, Okra, Onion, Parsley, Parsnip, Peas, Potatoes, Pumpkin, Radish, Salsify, Spinach, Squash, Tomato, Turnip, Herbs.

JUNE—Sow in Open Ground—Bush Beans, Lima Beans, Pole Beans, Beet, Carrot, Cabbage, Sweet Corn, Cress, Cucumber, Endive, Kale, Kohl Rabi, Lettuce, Melon, Okra, Peas, Potatoes, Pumpkin, Radish, Spinach, Squash, Turnip, Rutabaga.

JULY—Sow in Open Ground—Bush Beans, Beet, Carrot, Sweet Corn, Corn Salad, Cress, Cucumber, Endive, Gherkin, Kale, Kohl Rabi, Lettuce, Okra, Pumpkin, Radish, Spinach, Squash, Turnip, Rutabaga.

AUGUST—Sow in Open Ground—Bush Beans, Corn Salad, Cucumber, Endive, Lettuce, Early Peas, Radish, Spinach, Squash, Turnip. Plant Winter Onions.

SEPTEMBER—Sow in Open Ground—Corn Salad, Cress, Kale, Lettuce, Mustard, Winter Radish, Spinach, Turnip. Plant Winter Onions. Write for St. L. S. Co.'s Bulb Catalogue.

OCTOBER—Sow in Open Ground—Corn Salad, Cress, Kale, Lettuce, Mustard, Spinach. Plant Hyacinth, Tulips, Narcissus and other Dutch Bulbs in open ground, pots or glasses.

NOVEMBER—Plant Hyacinth, Tulips, Narcissus and other Dutch Bulbs in open ground, pots or glasses.

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Arabis Alpina	53	Jerusalem Cher-		Virginia Stock	80	Blackberries	89
Arctotis Grandis	53	ry		Althea	86	Bleeding Hearts	100
Asparagus	53	Joseph's Coat	54	Wiscaria	81	Boston Ivy	86
Aster	56, 57	Kenilworth Ivy	68	Wallflower	80	Caladium	93
Auricula, Garden	63	Kochia	67	Antigonon	82	Caladium Privet	87
Bachelor's Button	61	Lantana	67	Ampelopsis	82	Calycanthus	86
Baby's Breath..	66	Larkspur	68	Balloon Vine	82	Canna	91, 92
		Lemon Verbena	67	Boston Ivy	82	Cinnamom Vine	93
				Canary Flower	82	Clematis	86

PLAN FOR HOME GARDEN

Sweet Corn			3 ft.
Pole or Bush Limas			3 ft.
Tomatoes			8 ft.
Okra			2 ft.
Pepper			2 ft.
Egg Plants			2 ft.
Cabbage			2 ft.
Cauliflower			2 ft.
Swiss Chard			2 ft.
Lettuce			2 ft.
Parsley	Leek	Celery	2 ft.
14 ft.			

WALK	Rhubarb				
	Asparagus				
Early Peas					
Sets for Green Onions					
Sow Seeds for Large Onions					
Radish					
Spinach					
Beets					
Carrot					
Parsnips					
Dwarf Beans					
14 ft.					

GROW VEGETABLES—PLANT A HOME GARDEN

The past season has shown a remarkable increase in the number of people who made a garden, and this season will, from present indications show a larger increase.

To get the best results from your garden, you must have good soil, well cultivated, well fertilized and drained, and the highest quality of seeds. While the cost of seed is the smallest item, it is

really the most important, get our "Pure and Sure Seeds" and you will have results, we list on Page 4, a Garden Collection of 15 varieties for 50¢.

For the convenience of those who have only a limited space at their command, the accompanying plan is suggested as an aid in laying out a small garden.

REFERENCE TABLE

Number of Plants to the acre at given distance.

Dis. apart	No. Plants	Dis. apart	No. Plants	Dis. apart	No. Plants	Dis. apart	No. Plants
12x12 inches	43,550	80x12 "	17,424	36x24 "	7,260	48x24 "	5,445
18x12 "	29,050	30x18 "	12,100	36x36 "	4,840	48x36 "	3,636
18x18 "	19,360	30x24 "	8,712	42x12 "	12,446	48x48 "	2,720
24x18 "	15,520	30x30 "	6,970	42x24 "	6,223	60x36 "	2,901
24x24 "	10,890	36x12 "	14,520	48x12 "	10,890	60x48 "	2,178
30x6 "	34,848	36x18 "	9,680	48x18 "	7,790		



A decorative title page featuring the text "SEED ANNUAL SPRING 1918" in a bold, sans-serif font. The text is flanked by two vertical columns of stylized flowers, each with a central stem bearing small circular blossoms and a wider branch with larger, more detailed leaves at the top. The flowers are contained within simple rectangular pots with decorative borders.

SEED

ANNUAL

SPRING

1918